



September 30, 2019

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

Subject: **City of Brisbane**
FY 2018/19 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by 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 2018/19 and related accomplishments.

I need to inform you that due to a lack of resources, we did not meet the June 30, 2019 completion date for the Green Infrastructure Plan specified in our June 30, 2017 Green Infrastructure Workplan, and are therefore unable to attach the Green Infrastructure Plan to the 2019 Annual Report. The City is committed to obtaining the necessary resources to complete the Plan no later than June 30, 2020, and can either submit the Plan at that time, or include it in our 2020 Annual Report, at the pleasure of the Board.

In contrast to that shortfall, I would like to highlight an item reported in C.10.b.ii; when the city renegotiated its solid waste franchise agreements, we required the franchisee to develop a Trash Container Management Policy to target litter resulting from overstuffed and unclosed trash cans. This robust plan included public education, and then implementation of a phased notice policy to obtain compliance. In calendar year 2018, 216 first non-compliance occurrence notices were given, 27 second non-compliance notices and a \$30 additional service fee for extra work were given, and 11 third non-compliance notices and a \$30 additional service fee plus referral to the city for determination on the need to pursue additional administrative enforcement actions were given. I believe this successful, innovative program is indicative of the city's commitment to meeting standards established in the MRP.

Please contact me at 415-508-2130 regarding any questions or concerns.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Randy L. Breault".

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

**City of Brisbane
FY 2018/19 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:

RJ Burch

Name and Title

9/24/19

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 2018 through June 2019 | | | |
| 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 18-19 City staff has continued to participate in 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 SMCWPPP's FY 2018/19 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

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.

| | | | | |
|---|--|------------------|--|------------|
| Brisbane Public Works Corporation Yard | Vehicle and Equipment Washing | 9-12-2018 | 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 | 9-12-2018 | Repair shed area has no visible sign of discharges or pollution. | N/A |
| Brisbane Public Works Corporation Yard | Fuel Dispensing | 9-12-2018 | 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 | 9-12-2018 | 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 | 9-12-2018 | Trash enclosure is free of debris. | N/A |
| Brisbane Public Works Corporation Yard | Outdoor Material Storage | 9-12-2018 | 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.

There were no projects approved in FY 2018/19. That is reflected in the attached table.

C.3.e.iv. ▶ Alternative or In-Lieu Compliance with Provision C.3.c.

| | | | | |
|--|--------------------------|-----|-------------------------------------|----|
| Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
| Comments (optional): N/A | | | | |

C.3.e.v ▶ Special Projects Reporting

| | | | | |
|---|--------------------------|-----|-------------------------------------|----|
| 1. In FY 2018-19, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
| 2. In FY 2018-19, 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. | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
| If you answered "Yes" to either question, <ol style="list-style-type: none"> 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. <p>N/A</p> | | | | |

| C.3.e.v.Special Projects Reporting Table | | | | | | | | | | | | |
|--|-----------|---------|---|---------------------|--------------------------|--------------------|-----------------------|-------------|---------------------------------------|---|---|---|
| Reporting Period – July 1 2018 - June 30, 2019 | | | | | | | | | | | | |
| Project Name & No. | Permittee | Address | Application Submittal Date ¹ | Status ² | Description ³ | Site Total Acreage | Gross Density DU/Acre | Density FAR | Special Project Category ⁴ | LID Treatment Reduction Credit Available ⁵ | List of LID Stormwater Treatment Systems ⁶ | List of Non-LID Stormwater Treatment Systems ⁷ |
| 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 |

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.

N/A

¹Date that a planning application for the Special Project was submitted.

²Indicate 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.

³Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵For 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.

⁶List 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.

⁷List 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.

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 (FY 17-18) | 4 |
| 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 18-19) | 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 18-19) | 1 |
| Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19) | 25% ⁸ |

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. |
| <p>Summary:</p> <p>City staff inspected one of the four sites with C.3 regulated treatment systems, and found the treatment systems, flow-through planters, to be in good condition.</p> <p>There were no issues to note.</p> |
| 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). |
| <p>Summary:</p> <p>Staff has found that the O&M program is sufficient. There were only four sites with 8 regulated treatment units in Brisbane during this reporting period and it’s anticipated that this will increase to 5 to 6 sites in 2019/20. 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.</p> |

⁸ 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.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
- Rainbarrels 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).(b) ► Green Infrastructure Plan

| | | | | |
|--|--------------------------|--|-------------------------------------|-----------|
| <i>(For FY 2018-19 Annual Report only)</i> Did your agency complete a Green Infrastructure Plan? | <input type="checkbox"/> | Yes, see attached Green Infrastructure Plan | <input checked="" type="checkbox"/> | No |
|--|--------------------------|--|-------------------------------------|-----------|

If No, provide schedule for completion:

Due to a lack of resources, we did not meet the June 30, 2019 completion date for the Green Infrastructure Plan specified in our June 30, 2017 Green Infrastructure Workplan, and are therefore unable to attach the Green Infrastructure Plan to the 2019 Annual Report. The City is committed to obtaining the necessary resources to complete the Plan no later than June 30, 2020, and can either submit the Plan at that time, or include it in our 2020 Annual Report, at the pleasure of the Board.

C.3.j.i.(5).(c) ► Legal Mechanisms

| | | | | |
|---|--------------------------|--|-------------------------------------|-----------|
| <i>(For FY 2018-19 Annual Report only)</i> Does your agency have legal mechanisms in place to ensure implementation of the Green Infrastructure Plan? | <input type="checkbox"/> | Yes, see attached documents or links provided below | <input checked="" type="checkbox"/> | No |
|---|--------------------------|--|-------------------------------------|-----------|

If Yes, describe the legal mechanisms in place and the documents attached or links provided.

If No, provide schedule for completion:

Due to a lack of resources, we did not meet the June 30, 2019 completion date for the Green Infrastructure Plan specified in our June 30, 2017 Green Infrastructure Workplan, and are therefore unable to attach the Green Infrastructure Plan to the 2019 Annual Report. The City is committed to obtaining the necessary resources to complete the Plan no later than June 30, 2020, and can either submit the Plan at that time, or include it in our 2020 Annual Report, at the pleasure of the Board.

C.3.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 Green Infrastructure Guidance and Stormwater Controls for Regulated Projects/ June 18th, 2019

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 SMCWPPP FY 2018/19 Annual Report for a summary of outreach efforts implemented at the countywide level.

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.

Summary of Planning or Implementation Status of Identified Projects:

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

| Project Name and Location ⁹ | Project Description | Status ¹⁰ | GI Included? ¹¹ | Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ¹² |
|---|---|---|----------------------------|--|
| 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. | Visitacion 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 Removal | Supplemental Storm Drain cleaning | Initial Planning | No | Impracticable – Maintenance Operation |
| 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 | City Hall dishwasher and | Complete | No | Impracticable – Complete |

⁹ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.
¹⁰ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.
¹¹ 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.
¹² 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.

| | | | | |
|--|--|-------------------------|-----|--|
| Hall | plateware | | | |
| 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 | The will be a regulated project. We included it here as it has not been approved for construction. |
| 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 |
| Facility Assessment Report, electrical | Replacement/upgrade of existing electrical systems | 70% complete | No | Impracticable – No potential for GI |
| Fishing Pier Drainage | Install new lift station for Pier | Design 75% | No | Impracticable – No potential for GI |
| Crack Sealing | Crack seal various city streets | Complete | No | Impracticable – Maintenance Operation |
| Stairway Between Tulare & Santa Clara | Construction of staleway between adjoining streets | Design 50% | No | Impracticable – No potential for GI |
| Alvarado to San Benito Alleyway | Design of improvement to alleyway | Design 50% | No | Impracticable – No potential for GI |

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

| Project Name and Location ¹³ | Project Description | Planning or Implementation Status | Green Infrastructure Measures Included |
|---|-----------------------------|-----------------------------------|---|
| New Brisbane Library | Construction of new library | Construction Begun | A rooftop rainwater recovery system should offset 75% |

¹³ 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.

| | | | |
|---|---|---------------------|---|
| | building | | 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. Design is now being done by consultant. |

C.3.j.iii.(2) and (3) ▶ 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.

(For FY 2018-19 Annual Report only) Submit a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

Please refer to SMCWPPP FY 2018/19 Annual Report for: 1) 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; and 2) a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

C.3.j.iv.(2) and (3) ► 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.

(For FY 2018-19 Annual Report only) Submit the tracking methods used and report implementation of green infrastructure measures including treated area, and connected and disconnected impervious area on both public and private parcels within their jurisdictions.

Please refer to the SMCWPPP FY 2018/19 Annual Report for: 1) a summary of methods being developed to track and report implementation of green infrastructure measures; and 2) a report on green infrastructure measures implemented to date, including acres of impervious area (total and treated), countywide and by Permittee.

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 ¹⁴ , Street Address | Name of Developer | Project Phase No. ¹⁵ | Project Type & Description ¹⁶ | Project Watershed ¹⁷ | Total Site Area (Acres) | Total Area of Land Disturbed (Acres) | Total New Impervious Surface Area (ff ²) ¹⁸ | Total Replaced Impervious Surface Area (ff ²) ¹⁹ | Total Pre- Project Impervious Surface Area ²⁰ (ff ²) | Total Post- Project Impervious Surface Area ²¹ (ff ²) |
|-----------------------------|--|-------------------|---------------------------------------|---|---------------------------------|----------------------------------|--|---|---|---|--|
| Private Projects | | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Public Projects | | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Comments: None | | | | | | | | | | | |

¹⁴Include cross streets

¹⁵If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹⁶Project 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.

¹⁷State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁸All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁹All impervious surfaces added to any area of the site that was previously existing impervious surface.

²⁰For redevelopment projects, state the pre-project impervious surface area.

²¹For 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 ²² | Application Final Approval Date ²³ | Source Control Measures ²⁴ | Site Design Measures ²⁵ | Treatment Systems Approved ²⁶ | Type of Operation & Maintenance Responsibility Mechanism ²⁷ | Hydraulic Sizing Criteria ²⁸ | Alternative Compliance Measures ^{29/30} | Alternative Certification ³¹ | HM Controls ^{32/33} |
|-----------------------------|---|---|---|---------------------------------------|---|---|---|--|--|---------------------------------|
| Private Projects | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

²²For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

²³For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁴List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁵List 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.

²⁶List 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.).

²⁷List 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.

²⁸See 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).

²⁹For 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.

³⁰For 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.

³¹Note whether a third party was used to certify the project design complies with Provision C.3.d.

³²If HM control is not required, state why not.

³³If 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 | Approval Date ³⁴ | Date Construction Scheduled to Begin | Source Control Measures ³⁵ | Site Design Measures ³⁶ | Treatment Systems Approved ³⁷ | Operation & Maintenance Responsibility Mechanism ³⁸ | Hydraulic Sizing Criteria ³⁹ | Alternative Compliance Measures ^{40/41} | Alternative Certification ⁴² | HM Controls ^{43/44} |
|---------------------------|-----------------------------|--------------------------------------|---------------------------------------|------------------------------------|--|--|---|--|---|------------------------------|
| Public Projects | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Comments: None. | | | | | | | | | | |

³⁴For public projects, enter the plans and specifications approval date.

³⁵List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³⁶List 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.

³⁷List 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.).

³⁸List 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.

³⁹See 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).

⁴⁰For 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.

⁴¹For 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.

⁴²Note whether a third party was used to certify the project design complies with Provision C.3.d.

⁴³If HM control is not required, state why not.

⁴⁴If 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 Installed⁴⁵ 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 ⁴⁶ For Maintenance | Type of Treatment/HM Control(s) |
|------------------|---------------------|--|---------------------------------------|
| NA | NA | NA | NA |

Special Projects Narrative

There were no special projects.

⁴⁵ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

⁴⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

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 (CII) Subcommittee.

City inspector conducted 76 inspections, issuing 2 verbal warnings, 10 warning notices.

During this inspection period we were unable to inspect 45 businesses on the inspection list. These will be added to the 19/20 inspection list.

Refer to the C.4. Industrial and Commercial Site Controls section of SMCWPPP's FY 2018/19 Annual Report for a description of activities of the Program.

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

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

| Business Name | Address Number | Street |
|--|----------------|----------------|
| ALLIED ROPES COMPANY | 171 | INDUSTRIAL |
| ALTA MOTORS | 185 | VALLEY DR |
| 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 |

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| | | |
|---|------|----------------|
| BAY MEDICAL CO INC | 460 | VALLEY DR |
| BRIGHT EVENT RENTALS | 145 | PARK LANE |
| BRISBANE CORPORATION YARD | 1020 | TUNNEL |
| BRISBANE POLICE DEPARTMENT | 50 | PARK |
| BRISBANE RECYCLING CO INC | 5 | BEATTY |
| CAREDX INC | 3260 | BAYSHORE |
| CELTIC CATERING INC | 2943 | INDUSTRIAL |
| CUTERA | 3240 | BAYSHORE |
| Del Monte Meat Capitol Meat Company LLC | 145 | South Hill Dr. |
| DHL GLOBAL FORWARDING | 99 | South Hill Dr. |
| DOCUMENT SECURITY SYSTEMS | 151 | PARK |
| 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 |
| GENERATORS UNLIMITED | 285 | INDUSTRIAL |
| GOLDEN STATE LUMBER | 601 | TUNNEL |
| Greenleaf, | 453 | Valley Dr. |
| Hensley Event Rentals | 180 | West Hill Pl. |
| INTERGRATED RESOURCES | 275 | VALLEY DR |
| LAZZARI FUEL COMPANY | 11 | INDUSTRIAL |
| LE GOURMET | 150 | HILL |
| Lettieri & Co. LTD | 120 | Park Ln. |
| LINCOLN BROADCASTING / KTSF | 100 | VALLEY |
| MADHOUSE COFFEE | 400 | VISITACION |
| MAVERICK THERAPEUTICS INC | 3260 | BAYSHORE |
| MIDTOWN MARKET | 249 | VISITACION |

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| | | |
|--|------|--------------------|
| 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. |
| Plastic Printing Professionals, 151 Park Ln. | 151 | Park Ln. |
| 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. |
| Sheng Kee of California INC. | 201 | South Hill Dr. |
| SMART PRINTING | 200 | VALLEY |
| Sunquest Baylands Soil Processing | 5A | Beatty Rd. |
| SUPERTECH AUTOBODY | 370 | 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 |
| W2 SYSTEMS | 304 | INDUSTRIAL |
| WILLIAMS SONOMA | 435 | VALLEY |
| Williams Sonoma Inc. | 435 | Valley Dr. |
| YRC Freight Inc. | 499 | Valley Dr. |
| Cureline Biopathology, LLC | 150 | North Hill Dr. #24 |
| Howard Donald | 304 | Industrial Way |
| SES Restoration | 200 | Valley Dr. #50 |
| Arthur's Plumbing | 350 | Alvarado St. |

| | | |
|-------------------------------------|------|------------------|
| Bakers of Paris Inc. | 99 | Park Ln. |
| Best Beverage Catering | 485 | Valley Dr. |
| Blue Bee Printing | 320 | Valley Dr. |
| Brisbane Fire Department | 3445 | Bayshore Blvd. |
| Brisbane Stables | 402 | Industrial Way |
| Felix Lighting Corp. | 483 | Valley Dr. |
| George Salet Plumbing | 200 | Valley Dr. #51 |
| Gotelli Plumbing | 200 | Valley Dr. #38 |
| Jaguar Land Rover North America LLC | 422 | Valley Dr. |
| Jericho Project | 470 | Valley Dr. |
| Loral Landscape Inc. | 100 | Valley Dr. #19 |
| Northern Trees, Tree Service Inc. | 11 | Industrial Way |
| Page One Automotive | 211 | South Hill Dr. |
| PG&E Substation H | 3150 | Geneva |
| The Rare Wine Co. | 280 | Valley Dr. |
| Viewpoint Rec/Spa | 201 | Mission Blue Dr. |
| Ring of Fire Boxing Club | 180 | Industrial Way |
| MK Pipelines Inc. | 3708 | Bayshore |

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. | |
| <input checked="" type="checkbox"/> | Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action. |
| <input type="checkbox"/> | Permittee reports the total number of discrete potential and actual discharges on each site. |
| | Number |
| Total number of inspections conducted (C.4.d.iii.(2)(a)) | 76 |
| 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)) | 12 |
| Comments: All violations were corrected in the 10 day window. | |

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) ¹ | Number of Enforcement Actions Taken |
|--------------|--|--|
| Level 0 | Verbal Warning | 2 |
| Level 1 | Warning Notice | 10 |
| Level 2 | Notice of violation | 0 |
| Level 3 | Administrative Citation/Notice to Comply | 0 |
| Level 4 | Administrative Citation Order | 0 |
| Total | | 12 |

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 Category² | Number of Actual Discharges | Number of Potential Discharges |
|--------------------------------------|------------------------------------|---------------------------------------|
| Haz Mat | 0 | 0 |
| Food | 0 | 0 |
| Non-Haz Mat, non-food | 0 | 14 |

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 has not filed for coverage.

¹Agencies to list specific enforcement actions as defined in their ERPs.

²List 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 |
|----------------------------|----------------|---|---|---|--------------------------------------|--|
| Illicit Discharge Response | 8/24/18 | Illicit Discharge tracking and 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 participates in the Countywide Program's Commercial, Industrial, and Illicit Discharge (CII) subcommittee.

See section C.5 Illicit Discharge Detection and Elimination section of SMCWPPP's FY 2018/19 Annual Report for description of activities at the Program or regional level.

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

Summary of any changes made during FY 18-19.
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)) | 8 |
| Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2)) | 2 |
| Discharges resolved in a timely manner (C.5.d.iii.(3)) | 8 |

Comments:
We have had 8 illicit discharges this reporting period with 2 reaching the storm drain. All have been resolved in a timely manner.

Notification of a possible illicit discharge can be received in multiple ways, most are called into our Public Works general number. Contact information and a brief description of the issue is taken then passed onto our Regulatory Compliance Manager to follow up. After regular business hours reports are made through Police dispatch then relayed to Public Works on-call staff. Reports are followed up the same day unless there are extenuating circumstances. Illicit discharges are tracked through the City's Computerized Maintenance Management System (CMMS).

On 1/24/2019 a contractor received a Notice of Violation for using a pressure washer to clean the street of dirt after loading a dump truck with spoils. Contractor was immediately required to stop using the pressure washer and use a broom and shovel to clean the street and gutter.

On 5/15/2019 a resident at 239 Alvarado St. received a Notice of Violation for allowing oil leaking from a vehicle parked in the driveway to enter the storm drain. The oil was transported with the rain. City staff placed hydrophobic pads under the vehicle till the owner could come home and address the leak.

C.5.e.iii.(2) ► Control of Mobile Sources

(a) Provide changes to your agency's minimum standards and BMPs for each of the various types of mobile businesses since the 2017 Annual Report (C.5.e.iii.(2)(a))

The City of Brisbane follows the minimum standards and BMPs described in the "Best Management Practices for Mobile Businesses" fact sheet recently updated by the SMCWPPP CII Subcommittee in April 2019 for the following mobile business categories: automobile washers/detailers, power washers, carpet cleaners, steam cleaners, pet care services. The format of the fact sheet was updated but there have been no changes to the BMPs since the 2017 Annual Report.

(b) Provide changes to your agency's enforcement strategy for mobile businesses (C.5.e.iii.(2)(b))

Inspectors generally are alerted of illicit discharges by mobile businesses through reports by the public or by City staff. Reports are routed to the Regulatory Compliance Manager for follow up. All substantiated illicit discharges are recorded in our CMMS and an appropriate enforcement action based on the City of Brisbane Enforcement Response Plan is selected. All mobile businesses found improperly discharging are reported to the SMCWPPP.

Since FY 2013/14 SMCWPPP's enforcement strategy has been to track mobile business enforcement actions from SMCWPPP permittees in a table available on the SMCWPPP CII members only webpage. The tracking table is periodically updated.

(c) Provide minimum standards and BMPs developed for additional types of mobile businesses addressed since 2017 Annual Report (C.5.e.iii.(2)(c))

SMCWPPP has not developed minimum standards and BMPs for additional types of mobile businesses other than those described in (a) above.

| |
|---|
| (d) Provide a list and summary of the specific outreach events and education conducted to each type of mobile business operating within your jurisdiction during the Permit term (C.5.e.iii.(2)(d): |
| See section C.5 Illicit Discharge Detection and Elimination section of SMCWPPP's FY 2018/19 Annual Report for a description of activities at the countywide or regional level. |
| (e) Discuss inspections conducted at mobile businesses and/or job sites (C.5.e.iii.(2)(e) |
| Mobile businesses that reside inside Brisbane are inspected through the City's C.4 Industrial and Commercial Inspection Program if deemed needed per our BIP. Businesses not residing in Brisbane are inspected if the City is notified of a potential illicit discharge. |
| (f) List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.iii.(2)(f)) |
| In FY 2016/17 SMCWPPP compiled an inventory of mobile businesses located in Santa Mateo County. The inventory was developed by reviewing lists provided by individual agencies, yellow page searches and online business searches. The inventory includes automotive washing, steam cleaning, power washing, pet care services and carpet cleaning mobile businesses. The inventory is periodically updated with mobile businesses stormwater inspectors observe during routine field activities, including responding to illicit discharges. The inventory is made available to all San Mateo County Permittees on the SMCWPPP CII members only webpage. The inventory is included in SMCWPPP's FY 2018/19 Annual Report and currently has approximately 175 mobile businesses. |
| (g) Discuss enforcement actions taken against mobile businesses during the Permit term (C.5.e.iii.(2)(g)) |
| Enforcement actions are typically taken in response to a complaint or illicit discharge through our IDDE Program. Enforcement actions are tracked in the municipality's spill and discharge complaint tracking system required by MRP C.5.d.ii. This FY there were zero enforcement actions taken for mobile businesses. |

| |
|--|
| C.5.f.iii ► MS4 Map Availability |
| Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map. |
| The City of Brisbane's MS4 map is available on the City's website. http://www.brisbaneca.org/sites/default/files/Brisbane%20Storm%20Drain%20Map%20for%20web%20Page.pdf |

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) |
| # 5 | # 0 | # 3 | # 69 |
| <p>Comments:</p> <p>The City has 3 sites that it deems high priority which also disturb > 1 acre; Brisbane Recycling, Baylands Soil Processing and Health Care Partners. The Soil Processing Facility is under a state Industrial Permit, Baylands Soil Processing is a commercial facility that is more akin to a construction site with the primary concerns being erosion and sedimentation control and Health Care Partners is an active construction site. The City considers it a high priority site for purpose of construction site compliance site inspections and reports inspections under Provision C.6. The City also had 5 active hillside sites during the reporting term.</p> | | | |
| <p>Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable.</p> <p>N/A</p> | | | |

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

| | Enforcement Action (as listed in ERP) ¹ | Number Enforcement Actions Issued |
|----------------------|---|-----------------------------------|
| Level 0 ² | Verbal Warning | 0 |
| Level 1 | Warning Notice | 1 |
| Level 2 | Notice of Violation | 0 |
| Level 3 | Administrative Citation/Notice to Comply | 0 |
| Level 4 | Administrative Compliance Order | 0 |
| Total | | 1 |

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 at a site 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) | 1 |
| Comments: | |
| Correction of stormwater violation was made in the presence of the Inspector. | |

¹Agencies should list the specific enforcement actions as defined in their ERPs.

²For 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 near zero occurrence of stormwater violations. This may be in part to the closure of Baylads Soil Processing. In the past they were accountable for a large number of 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's FY 2018/19 Annual Report for a description of activities at the Program or regional level.

C.6.f.iii ► Staff Training Summary

| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance |
|---|------------------|--|---------------------------------|
| SMCWPPP Construction Site Stormwater Inspections Training for Municipal Inspectors | 3/11/2019 | Stormwater inspection, sedimentation control, inlet protection. | 1 |

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 2018/19 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 July 14th, 2018, June 29th, 2019 and “Earth Day’ on April 27th, 2019 as well as Coastal Cleanup day on September 15, 2018. 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 2018/19 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., Enviroscape presentation, pesticides, stormwater awareness) | Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • 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 |
| Habitat Restoration Volunteer Day, Sierra Point Canyon - July 14th, 2018 Local, Citizen Involvement | Stormwater awareness and clean up. Drought tolerant and native plant educational event directed at volunteers | Approximately 18 people volunteered to help remove invasive plants. Educational materials were distributed about drought tolerant native plants. Event attendance decreased by 6 attendees this year, from the 24 attendees last year. |
| Coastal Cleanup Day, San Francisco Bay - September 15th, 2018 Local, Citizen Involvement | Stormwater awareness and clean up directed at volunteers | Approximately 19 people volunteered and cleaned up 2121 gallons of trash. Litter such as bottles, cans, papers, tissues, etc. The event attendance was down from 30 attendees last year. Trash and recycling collected was also down from 3000 gallons of trash, hopefully this is attributed to the continued cleaning of this site for Coastal Cleanup Day. |

| | | |
|--|--|---|
| <p>Earth Day, Habitat Restoration Day, Callippe Hill – April 27th, 2019 Local, Citizen Involvement</p> | <p>Stormwater awareness and clean up. Drought tolerant and native plant educational event directed at volunteers</p> | <p>Approximately 30 people volunteered to help fill 1 debris box with invasive plants and trash (bottles, paper). Educational materials were distributed about drought tolerant native plants. Event attendance increased by 1 attendee this year, from the 29 attendees last year.</p> |
| <p>Habitat Restoration Day, Trinity Road – June 29th, 2019 Local, Citizen Involvement</p> | <p>Stormwater awareness and clean up. Drought tolerant and native plant educational event directed at volunteers</p> | <p>Approximately 20 people volunteered to help plant native plants. Educational materials were distributed about drought tolerant native plants. Event attendance decreased by 4 attendees this year, from the 24 attendees last year.</p> |
| <p>San Mateo County Fair June 8-16, 2019 (see Public Information and Outreach section of the SMCWPPP FY 18-19 Annual Report for details)</p> | <p>County Fair; stormwater awareness, lead and oil, toxic disposal</p> | <p>See Section 7 of the SMCWPPP FY 18-19 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.</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 2018/19 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 2018/19 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 Used¹

| Pesticide Category and Specific Pesticide Active Ingredient Used | Amount ² | | | | | |
|--|---------------------|----------|----------|----------|----------|----------|
| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 |
| Organophosphates | 0 | 0 | 0 | 0 | | |
| Active Ingredient Chlorpyrifos | 0 | 0 | 0 | 0 | | |
| Active Ingredient Diazinon | 0 | 0 | 0 | 0 | | |
| Active Ingredient Malathion | 0 | 0 | 0 | 0 | | |
| Pyrethroids (see footnote #57 for list of active ingredients) | 0 | 0 | 0 | 0 | | |
| Active Ingredient Type X | 0 | 0 | 0 | 0 | | |
| Active Ingredient Type Y | 0 | 0 | 0 | 0 | | |
| Carbamates | 0 | 0 | 0 | 0 | | |
| Active Ingredient Carbaryl | 0 | 0 | 0 | 0 | | |
| Active Ingredient Aldicarb | 0 | 0 | 0 | 0 | | |
| Fipronil | 0 | 0 | 0 | 0 | | |
| Pesticide Category and Specific Pesticide Active Ingredient | Amount | | | | | |

¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

²Weight 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.

| Used | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 |
|---|------------------------------------|----------|----------|----------|----------|----------|
| Indoxacarb | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Diuron | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Diamides | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Active Ingredient Chlorantraniliprole | 0 | 0 | 0 | 0 | | |
| Active Ingredient Cyantraniliprole | 0 | 0 | 0 | 0 | | |
| Reasons for increases in use of pesticides that threaten water quality: | | | | | | |
| N/A | | | | | | |
| IPM Tactics and Strategies Used: | | | | | | |
| <p>The City does not use pesticides and removes any plants that require pesticide management 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 with certified IPM practitioners.</p> | | | | | | |

| 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. | 12 |
| 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 July 17th, 2019 eleven members of the O&M staff received training on Pesticide/Herbicide Safety.

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? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No. |
| <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> | | | | |
| The City of Brisbane does not allow the use of pesticides, therefore it is not necessary to evaluate the contractors list of pesticides. | | | | |

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, | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|---|--------------------------|-----|-------------------------------------|----|

If yes, summarize the communication. If no, explain.
See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a summary of the Countywide Program's coordination 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. | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--|--------------------------|------------|-------------------------------------|-----------|

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.
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 2018/19 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 2018/19 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 2018/19 Annual Report for a summary of the Countywide Program's 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 2018/19, 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.

C.9.g ▶ Evaluate Implementation of Pesticide Source Control Actions

(For FY 18-19 Annual Report only) Submit an evaluation that assesses; 1) the effectiveness of IPM efforts required in Provisions C.9.a-e and g, 2) a discussion of any improvements made in the past five years; 3) any changes in water quality regarding pesticide toxicity in urban creeks; and 4) a brief description of one or more pesticide-related area(s) the Permittee will focus on enhancing during the subsequent permit term.

Summary:

See the appendices to SMCWPPP's FY 2018/19 Annual Report for a report that includes the following:

- **An evaluation of the effectiveness of source control measures for pesticides and toxicity that have been implemented;**
- **An evaluation of water quality in relation to pesticides and toxicity in urban creeks;**
- **Improvements made to *(name of your agency)*'s IPM Program during this permit term; and**
- **Pesticide-related area(s) that *(name of your agency)* will focus on enhancing during the next permit term.**

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 C.10.b.i) | 70.1% |
| Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹ | 8.5% |
| Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) | 10.0% |
| Sub Total for Above Actions | 88.6% |

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 2018-19 | 88.6% |

Discussion of Trash Load Reduction Calculation and Attainment of the 80% Mandatory Deadline:

The City attained and reported 87.6% trash load reduction (including trash offsets) in its FY 17-18 Annual Report. During FY 18-19, the City continued to implement a robust trash control measure program that helped the City maintain and increase its trash load reduction above the mandatory 80% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 18-19 is 88.6% (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>.

¹ See Appendix 10-1 for changes between 2009 and FY 18-19 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

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 18-19, during FY 18-19, 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 in FY 18-19 | | |
| None | – | – |
| Installed Prior to FY 18-19 | | |
| Connector Pipe Screens (Public) | 236 | 631.4* |
| 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 |

*Areas treated include 30.5 acres of non-jurisdictional areas that fall within the boundaries of neighboring permittees (Unincorporated San Mateo County).

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 18-19 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 18-19 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 18-19 | Summary of Maintenance Issues and Corrective Actions |
|--------------|---------------------------------|---------------------------------|--|---|
| 1 | 5.9% | 236 | 5% | <p>5% of FCDs greater than 50% full</p> <p>The devices that were found to be greater than 50% full have had their cleaning frequency increased to 3 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. Devices that were still found to be greater than 50% we increased to 4 times a year. Some devices will unavoidable need to be cleaned at an increased rate. 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.</p> <p>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.</p> <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 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> |
| 2 | NA | | | |
| 3 | 7.8% | | | |
| 4 | 21.7% | | | |
| 5 | 0% | | | |
| 6 | 25.0% | | | |
| 7 | 5.5% | | | |
| 8 | 0.7% | | | |
| 9 | 1.0% | | | |
| 10 | 1.9% | | | |
| 11 | 0.2% | | | |
| 12 | 0.1% | | | |
| Total | 70.1%* | | | |

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.

*The total jurisdictional-wide reduction reported for full capture systems includes 0.3% reduction for treatment of 2.1 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> |
| 2 | <p>Note: 100% of this TMA drains to the City and County of San Francisco combined sewer system.</p> <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. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1st notices, 27 2nd notices with \$30 additional service fees and 11 3rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police</p> |

| | Department. |
|---|---|
| 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. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1st notices, 27 2nd notices with \$30 additional service fees and 11 3rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1st notices, 27 2nd notices with \$30 additional service fees and 11 3rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1st notices, 27 2nd notices with \$30 additional service fees and 11 3rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1st notices, 27 2nd notices with \$30 additional service fees and 11 3rd notices with a</p> |

| | |
|----|--|
| | second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. Code enforcement management and illegal dumping enforcement is provided by our Code Enforcement Officer and Police Depart. Container management (and citations) is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20 th 2014. |
| 9 | 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 20 th 2014. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1 st notices, 27 2 nd notices with \$30 additional service fees and 11 3 rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. |
| 10 | 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 20 th 2014. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1 st notices, 27 2 nd notices with \$30 additional service fees and 11 3 rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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. |
| 11 | Current Actions – On-call dumping pickup is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20 th 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. |
| 12 | Current Actions – On-call dumping pickup is being provided via our Solid Waste Franchise Agreement with South San Francisco Scavengers, effective November 20 th 2014. The Trash Container Management Policy (TCMP) is executed by South San Francisco Scavenger and overseen by City staff. In the 18/19 FY there were a total 254 non-compliance notices given out with 216 of those being 1 st notices, 27 2 nd notices with \$30 additional service fees and 11 3 rd notices with a second \$30 service fee, no trash pickup and a written letter. On-call illegal dumping pickup has removed 9.12 tons of trash from the public right of way. 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”. |

Summary of Trash Control Measures Other than Full Capture Devices: (Do not delete this section)

- **Street Sweeping:** Include a description of any enhancements or new actions implemented after the MRP 1.0 effective date (i.e., December 2009). Identify portions of the TMA where enhanced street sweeping (i.e., increased sweeping frequency) and parking enforcement above 2009 levels was implemented.
- **On-land Cleanup:** Include a description of on-land cleanup activities that began after the MRP 1.0 effective date (i.e., December 2009) and continued into FY 18-19, including any enhancements or new actions implemented in FY 18-19. Describe if these actions are Permittee or volunteer-led.
- **Partial Capture Devices:** Provide a description of devices installed after the MRP 1.0 effective date (i.e., December 2009). Describe the level of maintenance conducted per device types.
- **Storm Drain Inlet Cleaning:** Describe storm drain inlet maintenance activities implemented after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 18-19, including any enhancements or new maintenance activities implemented in FY 18-19. For new/enhanced actions, include the number of inlets where enhanced maintenance occurred, and the increased frequency of maintenance.
- **Uncovered Loads:** Describe activities designed to reduce trash from uncovered loads that began after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 18-19, including any enhancements or new actions implemented in FY 18-19. Describe the types of actions implemented including new or redirected enforcement efforts to increase the focus towards new or enhanced actions.
- **Anti-littering and illegal dumping enforcement activities:** Describe anti-littering and illegal dumping enforcement activities began after to the MRP 1.0 effective date (i.e., December 2009) and continued in FY 18-19, and any enhancements or new actions implemented in FY 18-19. Include any new or redirected enforcement efforts to increase the focus towards new or enhanced actions. Describe the number of citations or other correction actions accomplished this year, and compare with previous years. Indicate how anti-littering and illegal dumping enforcement records are kept, and how they may be retrieved for audit.
- **Improved Trash Bin/Container Management:** Describe activities designed to improve trash bin/container management that began after the MRP1.0 effective date (i.e., December 2009) and continued in FY 18-19, and any enhancements or new actions implemented in FY 18-19. Include any new or redirected efforts to increase the focus towards these new or enhanced actions.
- **Other Types of Actions:** Describe activities designed after the MRP effective date (i.e., December 2009) and continued in FY 18-19, and any enhancements or new (post December 2009 effective date) actions implemented in FY 18-19.

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 18-19 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.

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 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.

| TMA ID or (as applicable) Control Measure Area | Total Street Miles ² Available for Assessment | Summary of On-land Visual Assessments ³ | | | Jurisdictional-wide Reduction (%) |
|--|--|--|---|---|--------------------------------------|
| | | Street Miles Assessed | % of Available Street Miles Assessed | Avg. # of Assessments Conducted at Each Site ^{4,5} | |
| 1 | 0.27 | 0.20 | 74.5% | 7.0 | 5.9% |
| 2* | 0.00 | NA | NA | NA | NA |
| 3 | 0.00 | NA | NA | NA | NA |
| 4 | 0.17 | 0.13 | 73.9% | 6.0 | 0.7% |
| 5 | 1.19 | 0.57 | 47.8% | 8.0 | 1.7% |
| 6 | 0.04 | 0.00 | 0.0% | 0.0 | 0.0% |
| 7 | 0.00 | NA | NA | NA | NA |
| 8 | 0.00 | NA | NA | NA | NA |

² Street miles are defined as the street lengths and do not include curbs associated with medians.

³ Assessments conducted between July 2017 and July 2019 are assumed to be representative of trash levels in FY 18-19 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

⁴ Each assessment site is roughly 1,000 feet in length.

⁵ 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.

| | | | | | |
|--------------|------|-------------|--------|-----|-------------|
| 9 | 0.11 | 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% | 7.0 | 0.1% |
| Total | | 0.95 | - | - | 8.5% |

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

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 |
|--------------------------|--|--|---|-------------|
| 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: 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>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% |

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

| | | | | |
|---|--|--|---|------------------|
| <p>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> | | | | |
| | | <p>2) 95% of single use plastic bags distributed in the City are affected by 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>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>Although the City has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto</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:</p> <p>An average of 95% of businesses affected by the ordinance are no longer distributing/selling EPS</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>were used to represent the reduction of trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos's and Palo Alto's.</p> | <p>food ware. Based on these results, the estimated average reduction of EPS food ware in stormwater 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> | |
|--|--|--|---|--|

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 18-19, the City continued implementing the BASMAA Regional Receiving Water 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 within the City of Brisbane. Implementation occurred through both the City's own efforts and participation in the San Mateo County Water Pollution Prevention Program (SMCWPPP). Consistent with MRP requirements, a preliminary report describing data results and findings to-date was submitted to the Water Board via BASMAA on July 1, 2019 on behalf of all Permittees. The final report for the development and testing of the Bay Area trash receiving water monitoring program will be submitted by BASMAA by July 1, 2020, consistent with the MRP requirements, following peer review.

In addition to implementing the BASMAA Monitoring Plan, the City coordinated (via SMCWPPP) on the Statewide Trash Monitoring Methods Project, which is funded by the California Ocean Protection Council and State Water Board and administered via the Southern California Coastal Water Research Project (SCCWRP) and San Francisco Bay Estuary Institute (SFEI).

Additional information on accomplishments in FY 18-19 can be found in the Receiving Water Trash Monitoring Program Progress Report included in the SMCWPPP FY 18-19 Annual Report

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 18-19 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 18-19.

| Trash Hot Spot | New Site in FY 18-19 (Y/N) | FY 18-19 Cleanup Date(s) | Volume of Trash Removed (cubic yards) | | | | |
|----------------|----------------------------|--------------------------|---------------------------------------|------------|------------|------------|------------|
| | | | FY 2014-15 | FY 2015-16 | FY 2016-17 | FY 2017-18 | FY 2018-19 |
| BRI01 | N | NA | 0.02 | NA | NA | NA | NA |
| BRI02 | N | 3-28-2019 | NA | 0.15 | 0.09 | 0.07 | 0.14 |

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 |
|--|----------------|
| 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 alternation 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. | All applicable |
| The City has chosen to remove the two 14 yard dumpsters placed at the corporation 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. | 5 |
| 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. | 9 |
| Minor revisions to baseline trash generation map. Primarily to clean up small management areas that overlap adjacent areas that do not generate trash. | 1,3,4,6,7,8,9 |

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 18-19. 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 18-19 | 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 18-19.⁶

| TMA | 2009 Baseline Trash Generation (Acres) | | | | | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems | | | | | Jurisdiction-wide Reduction via Full Capture Systems (%) | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems and Other Control Measures | | | | | Jurisdiction-wide Reduction via Other Control Measures (%) | Jurisdiction-wide Reduction via Full Capture AND 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 | 4 | 3 | 17 | 5.9% | 12 | 5 | 0 | 0 | 17 | 5.9% | 11.8% |
| 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 | 28 | 0 | 0 | 0 | 28 | 7.8% | 28 | 0 | 0 | 0 | 28 | 0% | 7.8% |
| 4 | 0 | 0 | 32 | 3 | 35 | 34 | 0 | 2 | 0 | 35 | 21.7% | 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 | 1.7% | 1.7% |
| 6 | 2 | 253 | 3 | 0 | 258 | 178 | 79 | 0 | 0 | 258 | 25.0% | 178 | 79 | 0 | 0 | 258 | 0% | 25.0% |
| 7 | 52 | 52 | 0 | 0 | 104 | 92 | 11 | 0 | 0 | 104 | 5.5% | 92 | 11 | 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 | 1 | 2 | 0 | 0 | 4 | 0.2% | 1 | 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 | 70.1%* | 1,527 | 140 | 5 | 1 | 1,675 | 8.5% | 78.6% |

Note: "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 2.1 acres of non-jurisdictional public k-12, college and university school land areas.

⁶ 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 Countywide Program's FY 2018/19 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 Methodology¹ 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 Countywide Program's FY 2018/19 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 Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2018/19 Annual Report.

¹BASMAA 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 Countywide Program's FY 2018/19 Annual Report for:

- Documentation of PCBs control measures implemented in San Mateo County municipal jurisdictional areas for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ was used to calculate the PCBs load reduced by each control measure implemented in San Mateo County municipal jurisdictional areas 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 Countywide Program's FY 2018/19 Annual Report for, as part of reporting for C.12.b.iii(2), an estimate of the amount of PCBs load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2017.

C.12.f. ► Manage PCB-Containing Materials During Building Demolition

| | | | | |
|---|---|-----|--|----|
| On July 1, 2019, was your agency ready to implement a method for identifying applicable structures (buildings built or remodeled between 1950 and 1980, except that single family residential and wood-framed buildings are exempt) that apply for a demolition permit? | X | Yes | | No |
| On July 1, 2019, was your agency ready to implement a method to manage PCBs during demolition of applicable structures? ² | X | Yes | | No |
| Does your agency have a data-gathering method in place to inform reporting on the effectiveness of your agency's program to manage PCBs during demolition of applicable structures (e.g., the number of applicable structures, and the amount and concentration of PCBs in priority building materials in applicable structures)? | X | Yes | | No |

C.12.h ► Implement a Risk Reduction Program

A summary of Countywide Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2018/19 Annual Report.

²The new PCBs screening/sampling program itself is considered a stormwater control method for PCBs during demolition of applicable structures, consistent with the requirements of MRP C.12.f. The overall program will lead to management of priority PCBs-containing materials during demolition. For example, the project applicant is required to characterize PCBs concentrations in priority building materials and then must certify that "...I understand my responsibility for knowing and complying with all relevant laws and regulations related to reporting, abating, and handing and disposing of PCBs materials and wastes", which should result in removal and proper disposal of PCBs-containing materials during demolition of an applicable structure (especially when PCBs concentrations are ≥ 50 ppm).

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 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 regularly performing large landscape account audits, hosting water-efficient landscape education classes, providing high efficiency toilet rebates, providing rain barrel rebates and providing 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 modified 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

Related countywide efforts may be described in the following sections of the SMCWPPP FY 2018/19 Annual Report: C.3 New Development and Redevelopment, C.7. Public Information and Outreach, C.9. Pesticide Toxicity Control, and C.15 Exempted and Conditionally Exempted Discharges.