



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 San Bruno**
FY 2018/19 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by City of San Bruno 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.

Please contact me at (650) 616-7075, or by email at jtan@sanbruno.ca.gov, regarding any questions or concerns.

Sincerely,

Jimmy Tan
Public Works Director

**CITY OF SAN BRUNO, CALIFORNIA
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:



Jimmy Tan, Public Works Director

9/25/19

Date

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Section 1 – Permittee Information

Background Information				
Permittee Name:		City of San Bruno		
Population:		45,257		
NPDES Permit No.:		CAS612008		
Order Number:		R2-2015-0049		
Reporting Time Period (month/year):		July 2018 through June 2019		
Name of the Responsible Authority:		Jimmy Tan	Title:	Public Works Director
Mailing Address:		567 El Camino Real		
City:	San Bruno	Zip Code:	94066	County: San Mateo
Telephone Number:		(650) 616-7075	Fax Number:	(650) 794-1443
E-mail Address:		jt@sanbruno.ca.gov		
Name of the Designated Stormwater Management Program Contact (if different from above):			Title:	
Department:				
Mailing Address:				
City:		Zip Code:		County:
Telephone Number:			Fax Number:	
E-mail Address:				

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
 Public Works staff attended and participated in the regular meetings of the Municipal Maintenance Subcommittee. Refer to the C.2 Municipal Operations section of the countywide Program's FY 18-19 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:

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

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

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

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

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

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: Graffiti removal from bridges and structures are usually removed by hand using a chemical remover and the rags are disposed. The other method is to paint over the graffiti. If the graffiti has to be removed with a power washer BASMAA BMPs are implemented.	

C.2.e. ► Rural Public Works Construction and Maintenance			
Does your municipality own/maintain rural ¹ roads:		<input type="checkbox"/>	Yes
		<input checked="" type="checkbox"/>	No
If your answer is No then skip to C.2.f.			
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas:			

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):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants
Comments: All drain inlets within the Public Works Corporation Yard are plumbed to the Sanitary Sewer. Both the Public Works Corporation Yard and the Parks and Recreation Corporation Yard are inspected annually, and noted issues are followed up according to BMPs. Vehicles and equipment from each Corporation Yard are cleaned in a washbasin plumbed to the Sanitary Sewer, which is located in the Public Works Corporation Yard. Dry methods are utilized when cleaning debris and spills from both Corporation Yards. Fertilizers, pesticides and other chemicals are kept indoors in the Parks and Recreation Corporation Yard. Chemicals are primarily kept indoors within the Public Works Corporation Yard, however any chemical stored outside is kept in a closed, covered and locked container. The Public Works Corporation Yard generates Hazardous Waste, which is kept indoors. Each area where liquid waste is generated or compiled has a dry spill containment and clean up kit. Both Corporation Yards have site-specific maps documenting the location of chemicals, hazardous waste, gasoline storage, oil storage, propane storage, fire extinguishers, eye/body wash stations, Sanitary Sewer inlets, etc.	

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 Date²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Parks Corporation Yard	General Good Housekeeping	9-20-2018	General House Keeping BMPs are all implemented with one note that the storm drain labels are faded but legible and will be replaced within the next year.	
	Fuel Dispensing		Fuel Dispensing - no vehicle fueling occurs in the Parks Corporation Yard; only small equipment fueling and all BMPs are followed.	
	Municipal Vehicle and Heavy Equipment Parking		Municipal Vehicle Parking - implement storage equipment area has waddle installed prior to rainy season.	
	Waste and Recycling Storage		Waste and Recycling Storage - Dumpster area waddled to contain runoff prior to rainy season.	
	Outdoor Material Storage		Outdoor Material Storage - all materials are waddled and tarped.	
Public Works	General Good Housekeeping	9-18-2018	Inspection requirements within each subsection were checked as complete, marked with N/A if the requirement did not pertain to the Public Works Corporation Yard, and notes were added to inspection requirements where appropriate.	
	Vehicle and Equipment Washing		Vehicle washing does not occur under a roof or in a building; however the wash rack drain is plumbed to the Sanitary Sewer. The inspection form incorrectly noted that we do not have a vehicle washing system;	

² Minimum inspection frequency is once a year during September.

			however, the drain inlet in the wash rack is cleaned weekly.	
	Vehicle and Equipment Maintenance and Repair / Municipal Vehicle and Heavy Equipment Parking		There were no wrecked vehicles in the Public Works Corporation Yard during the inspection; however, the Central Garage does not drain the fluid from wrecked vehicles unless they are leaking fluid upon arrival. In such instances, appropriate measures to collect the fluid and prevent spills would be taken.	
	Waste and Recycling Storage		Storage of rubbish and recyclables under a roof is not possible due to the space constraints within the Public Works Corporation Yard and the types of equipment that use and are used to remove material from the area. The dumpster area is cleared on a daily bases and loaded in dumpster that is also emptied daily.	
	Outdoor Material Storage		The covering of stockpiles of raw material when not in use was not met, however, the storage yard adjacent to the Public Works Corporation Yard where the raw materials are kept utilizes infiltration as a treatment measure. Straw wattles are installed around the perimeter of the storage yard, except at the two entry/exit gates, which have a berm to stop runoff into street.	

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.

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
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Comments (optional):

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,
 1) Complete Table C.3.e.v.
 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

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

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

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

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

Guidance (all Permittees): Beginning FY 16-17, Permittees must report the number of Regulated Project sites inspected, not the number of treatment measures inspected. Do not leave any cells blank. The calculation of the percentage of Regulated Projects for which O&M verifications were conducted during the reporting period is based on the total number of projects in the Permittee’s database at the end of the previous fiscal year because projects added during the reporting fiscal year will likely have installation inspections and not O&M verification inspections, and it allows an agency to plan the required number of inspections to be conducted during the reporting period.

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 (FY17-18)	9
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)	12
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)	2
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19)	22% ¹

¹ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

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

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

Summary:

Inspection findings did not reveal any significant problems with the treatment systems, similar to the findings from the previous year.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

In general, the O&M Program has been quite effective. The HOAs routinely inspect the treatment measures each year and any required maintenance identified is completed promptly and coordinated with City staff through reports. Moving forward, continued communication between the HOAs and City staff is essential in ensuring the effectiveness of the stormwater treatment measures.

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

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. We have modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. We are using the following Program and BASMAA products for C.3.i implementation:

- BASMAA's site design fact sheets
- The countywide program's checklist SMCWPPP Stormwater Checklist for Small Projects

C.3.j.i.(5).(b) ► Green Infrastructure Plan			
(For FY 2018-19 Annual Report only) Did your agency complete a Green Infrastructure Plan? Below is the link to City's Green Infrastructure Plan: https://sanbruno.box.com/s/pz5a2c61k12dwqy01cl36tmckrnihyrq	X	Yes, see attached Green Infrastructure Plan	No
If No, provide schedule for completion:			

C.3.j.i.(5).(c) ► Legal Mechanisms			
(For FY 2018-19 Annual Report only) Does your agency have legal mechanisms in place to ensure implementation of the Green Infrastructure Plan?	X	Yes, see attached documents or links provided below	No
If Yes, describe the legal mechanisms in place and the documents attached or links provided. See Section 6 of the City of San Bruno's Green Infrastructure Plan for a description of legal mechanisms to ensure implementation of the Green Infrastructure Plan.			
If No, provide schedule for completion:			

C.3.j.i.(5)(d) ► Green Infrastructure Outreach
On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.
Summary: Guidance (all Permittees): See Appendix D of the City of San Bruno's Green Infrastructure Plan for a description of the City's Green Infrastructure and Education Strategy. In addition, provide the following text (if applicable): Please refer to the Countywide Program's FY 18-19 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:
See Section 4 of the City of San Bruno's Green Infrastructure Plan for a description of the process to identify and prioritize the top Green Infrastructure opportunities in the City.

Summary of Planning or Implementation Status of Identified Projects:
There were no identified projects during FY 2018-19.

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.

See Appendix D of the City of San Bruno's Green Infrastructure Plan for a description of the City's Green Infrastructure and Education Strategy.

Please refer to Countywide Program's FY 18-19 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.

See Section 6 of the City of San Bruno's Green Infrastructure Plan for a description of the City's current tracking systems and the proposed C/CAG project tracking system.

Please refer to the Countywide Program's FY 18-19 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 ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁶	Total Replaced Impervious Surface Area (ft ²) ⁷	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects											
111 San Bruno Ave	111 San Bruno Avenue	San Bruno Development	N/A	Mixed use retail and residential, 5 stories, 61 residential units, 8,500 SF commercial, interior parking spaces	San Bruno Creek	0.65	0.65	1,105	26,761	26,761	27,866
Public Projects											
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:											

²Include cross streets

³If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁴Project 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.

⁵State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁶All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁷All impervious surfaces added to any area of the site that was previously existing impervious surface.

⁸For redevelopment projects, state the pre-project impervious surface area.

⁹For 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 ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Type of Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/18}	Alternative Certification ¹⁹	HM Controls ^{20/21}
Private Projects										
111 San Bruno Ave	March 2019	November 2018	Mark Inlets/Plumb parking garage drains to sanitary sewer/provide roofed and enclosed area for dumpsters / connect drains beneath dumpsters to sanitary sewer	Direct roof runoff onto vegetated areas	Flow-through planters	Pending, will be done concurrent with Final Map Approval	2.c	N/A	N/A	N/A

¹⁰For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹¹For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹²List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹³List 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.

¹⁴List 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.).

¹⁵List 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.

¹⁶See 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).

¹⁷For 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.

¹⁸For 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.

¹⁹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁰If HM control is not required, state why not.

²¹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/29}	Alternative Certification ³⁰	HM Controls ^{31/32}
Public Projects										
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:										

²²For public projects, enter the plans and specifications approval date.

²³List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁴List 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.

²⁵List 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.).

²⁶List 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.

²⁷See 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).

²⁸For 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.

²⁹For 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.

³⁰Note whether a third party was used to certify the project design complies with Provision C.3.d.

³¹If HM control is not required, state why not.

³²If 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 Installed³³ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information. **Guidance: The table is intended to provide a list of all newly installed treatment measures and HM controls to vector control agencies on an annual basis before the wet season (i.e., October 1). Countywide Programs (or in some cases, individual Permittees) will submit these tables to vector control agencies to fulfill this requirement. The facility name, address, responsible party and type of treatment/HM control should be provided for all facilities installed during this fiscal year. Do not leave any cells blank.**

Name of Facility	Address of Facility	Party Responsible ³⁴ For Maintenance	Type of Treatment/HM Control(s)
Aperture	406 San Mateo Ave	San Bruno Plaza, LLC	Flow-Through Planters / Contech Stormfilter with 3 Cartridges
841 San Bruno Ave	841 San Bruno Ave	MSD-DV San Bruno, LLC	Flow-Through Planters / Permeable Paving
SF Police Credit Union	1250 Grundy Lane	SF Police Credit Union	Flow-Through Planters / Permeable Paving

³³ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁴ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2018 - June 30, 2019												
Guidance: Provide all information indicated in the table. Do not leave blank cells in the table. If any of the indicated information is not available, please explain (for example, “Information is not yet available due to the preliminary phase of design.”)												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁵	Status ³⁶	Description ³⁷	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ³⁸	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwater Treatment Systems ⁴⁰	List of Non-LID Stormwater Treatment Systems ⁴¹
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

³⁵Date that a planning application for the Special Project was submitted.

³⁶ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

³⁷Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁸ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁹For 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.

⁴⁰: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project’s drainage area.

⁴¹List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project’s drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative

N/A

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location⁴²	Project Description	Status⁴³	GI Included?⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁴⁵
EXAMPLE: Storm drain retrofit, Stockton and Taylor	Installation of new storm drain to accommodate the 10-yr storm event	Beginning planning and design phase	TBD	Bioretention cells (i.e., linear bulb-outs) will be considered when street modification designs are incorporated
Water Main Improvement and Replacement Program	Replace existing water mains per the Water Master Plan	Beginning Planning	TBD	Bioretention will be considered depending on the location of water main replacements
Sewer Main Improvement and Replacement Program	Replace existing sewer mains per the Sewer Master Plan	Beginning Planning	TBD	Bioretention will be considered depending on the location of water main replacements
City Park Stormwater Improvement	Construction of stormwater conveyance system to eliminate flooding with City Park	Beginning Planning	TBD	Pervious pavement and bioretention will be considered during design of the stormwater system
Pavement Management Program	Repair and preventative maintenance of City Streets and parking lots	Beginning Planning	TBD	Pervious pavement and bioretention will be considered during design of the stormwater system
Crestmoor Canyon Detention Basin Improvement	Construction of a detention basin to retain the storm runoff off-stream	Beginning Planning	TBD	Bioretention will be considered depending on the location of water main replacements
Swimming Pool / Recreation Center	Construction of a combined swimming pool and recreation center complex	Beginning Planning	TBD	Green infrastructure elements will be considered during design of the building complex

⁴² List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴³ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁴ 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.

⁴⁵ 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.

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

Project Name and Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
There were no planned and/or completed Green Infrastructure Projects completed during FY 18-19.			

⁴⁶ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City completed the following activities in 2018-19:

1. Updated business inspection plans, facilities lists, and inspection frequencies and priorities
2. Conducted inspections
3. Conducted training; and
4. Participated in the SMCWPPP CII Subcommittee.

The City contracted with a consulting firm to conduct stormwater inspections in FY18-19. Due to contract constraints, some facilities due for inspection in May/June 2019 were inspected in early FY19-20.

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.

See attached list

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

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

	X	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
		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))		66
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))		14

Comments:

During this fiscal year, there were 19 potential discharges identified during routine inspections. However, two of these businesses immediately corrected the issues during the inspection and did not warrant enforcement actions. Of the 17 enforcement actions, 14 were resolved within 10 working days.

Two of the three enforcement actions that were not corrected within 10 business days were from the same businesses, which received a second verbal warning during their follow-up inspection. The two businesses that did not resolve violations within 10 days were granted extensions due to demonstrated progress towards compliance. Corrective actions were implemented within 13 and 20 business days.

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 1	Verbal Warning	17
Level 2	Warning Notice	0
Level 3	Administrative Notice	0
Level 4	Legal Notice	0
Total		17

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
Hotel	0	1
Municipal/Schools	0	2
Restaurants	0	9
Vehicle Maintenance/Refueling/Cleaning	0	7

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

²List your Program's standard business categories.

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

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
U.S. EPA and California Air Resources Board inspector training	January 2019	Completion of webinar Basic Inspector Academy Training	2	50%		
Independently Review Available Materials	January 2019	<ul style="list-style-type: none"> SMCWPPP Orientation for Municipal Staff Workshop Binder (commercial site controls, illicit discharge detection and elimination, and pollutants of concern) SMCWPPP "How to Conduct Stormwater Inspections" guidance CASQA Stormwater Best Management Practice Handbook Portal: Industrial and Commercial – Source Control BMPs BASMAA Pollutants of Concern Commercial/Industrial Inspection Training Materials BASMAA Surface Cleaner Recognition Program Training Materials SMCWPPP Outreach material SMCWPPP 2/28/2018 Training Workshop presentations 	2	50%		

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C.4 – Industrial and Commercial Site Controls

ACCWP Training Workshop: Best Practices for Successful Inspections	3/14/2019	Making positive first impressions, tactical communication skills, and overview of Regional BIP and ERP requirements	2	50%		
Inspector Calibration	April 2019	Calibrating BMP effectiveness scores amongst commercial/industrial stormwater inspectors	3	75%		
SCVURPPP IND/IDDE Training Workshop: Industrial Commercial and Illicit Discharge Stormwater Inspections	5/30/2019	Code enforcement officer safety, inspection case studies (including cannabis retail, industrial manufacturing, landfill, illicit discharge)	2	50%		
Comments:						

City
 San Bruno

FY Start
 7/1/2018

to

FY End
 6/30/2019

Facility Inspections	Notes
Total Number of Inspections Conducted	66

Enforcement Actions	Notes
Verbal Warning	17
Warning Notice	0
Admin Notice	0
Legal Notice	0
Total number of Enforcement Actions	17
Enforcement Actions Resolved Within 10 Working Days	14

Non-stormwater Discharges by Business Category	Actual	Potential
Total	0	19
Building Material Retailers/Storage	0	0
Commercial/Services	0	0
Building Trades Central Facility or Yard (Corporation Yard)	0	0
Dry Cleaner	0	0
General Retail	0	0
Hotel	0	1
Hospital/Medical Center	0	0
Industrial	0	0
Laboratory	0	0
Metal/Recycling Yards	0	0
Municipal/Schools	0	2
Nursery/Greenhouse	0	0
Other Facility	0	0
Other Food Service Establishments	0	0
Plastic Manufacturer	0	0
Printing	0	0
Restaurant	0	9
Vehicle Maintenance/Refueling/Cleaning	0	7
Vehicle Salvage Yards	0	0

Permittee Name: City of San Bruno

Name	Street Number	Street Name
23RD MARINES HEADQUARTERS	900	COMMODORE
7 ELEVEN STORE # 2366-14341C	2020	ROLLINGWOOD
A & F AUTO BODY REPAIR	1261-65	SAN MATEO
A & R AUTOMOTIVE	1141	SAN MATEO
A & W AUTO BODY	1045	MONTGOMERY
A & Z AUTO BODY SHOP	1079	MONTGOMERY
ACCESS AUTO BODY SHOP	887	SAN MATEO
AJI ICHI JAPANESE RESTAURANT	695	SAN MATEO
AKAGI RESTAURANT	713	CAMINO PLAZA
AMAMI SUSHI CORPORATION	1789	EL CAMINO REAL
AMAZON	1255	MONTGOMERY
AMERICAN LEGION POST 409	757	SAN MATEO
AQUA CLUB	440	SAN MATEO
ARAUJOS LA TAQUERIA	404	SAN BRUNO
ARCO 00743	1799	EL CAMINO REAL
ARTICHOKE JOES ENTERPRISE INC	659	HUNTINGTON
AT&T California - P2011	1101	SAN MATEO
AT&T California - R4059	840	SAN BRUNO
AT&T Mobility - SKYLINE BLVD (USID12791	2880	SKYLINE
AUS KITCHEN	851	CHERRY
AUTO PLUS BODY SHOP	1051	MONTGOMERY
AUTOLOGIC	265	SAN BRUNO
AVALON SAN BRUNO	1099	ADMIRAL
B & B TRANSMISSIONS	1299	SAN MATEO
BASKIN ROBBINS	9	BAYHILL SHOPPING CENTER
BAYHILL VIETNAMESE BISTRO	851	CHERRY
BEANS INTERNATIONAL MARKET	480	SAN MATEO
BELLE AIR ELEMENTARY	450	3RD
BIG JOES #8	487	SAN MATEO
BK 6260	1278	EL CAMINO REAL
BOILING BEIJING	649	SAN MATEO
BUDS AUTO CLINIC	1254	MONTGOMERY
C & C AUTOMOTIVE REFINISHING	860	SAN MATEO
C & M AUTOMOTIVE	1157	MONTGOMERY
CABALEN	495	SAN MATEO
CAFE GRILADES	851	CHERRY
CAFE MARIO	354	EL CAMINO REAL
CAMINO CORNER RESTAURANT	110	EL CAMINO REAL
CAPUCHINO HIGH SCHOOL	1501	MAGNOLIA
CARLS JR #315 RESTAURANT	899	CHERRY
CARROLLS MEATS & DELI	189	SAN BRUNO
CELIAS	201	EL CAMINO REAL
CERTIFIED AUTO BODY	1201	SAN MATEO
CHEERS	701	SAN MATEO
CHILIS BAR & GRILL	899	EL CAMINO REAL

Permittee Name: City of San Bruno

CHILTON AUTO BODY INC	1720	EL CAMINO REAL
CHINA GARDEN	586	SAN MATEO
CHIPOTLE MEXICAN GRILL #2412	1150	EL CAMINO REAL
CHUCK E CHEESE	1270	EL CAMINO REAL
CHUYS DELI	875	HUNTINGTON
CLEOS BRAZILIAN STEAK HOUSE	446	SAN MATEO
CRANKSHAFT CORP	1247	MONTGOMERY
CREST DRY CLEANERS	705	JENEVEIN
CRESTMOR AUTO CENTER	2901	SAN BRUNO
CRESTMOR PUMP STATION	3641	CRESTMOR
CURRY EXPRESS	1150	EL CAMINO REAL
CVS PHARMACY #9807	10	BAYHILL SHOPPING CENTER
D&J AUTO REPAIR	900	SAN MATEO
DAVITA	1178	CHERRY
DAYS INN SAN BRUNO	1550	EL CAMINO REAL
DBA DEBRIS BOX	800	WALNUT
DECIMA ALLEN SCHOOL	875	ANGUS
DICKEYS BBQ PIT	1212	EL CAMINO REAL
DIDDALIDOO, LLC	544	SAN MATEO
DOUBLE AA EL CAMINO	800	EL CAMINO REAL
E & E ENTERPRISE	1129	SAN MATEO
EL CRYSTAL ELEMENTARY	201	BALBOA
EUROPEAN CAR SERVICE	928	EL CAMINO REAL
EXPRESS AUTO REPAIR	1041	SAN MATEO
EXTRA CARE	840	SAN MATEO
FAT WONGS KITCHEN INC	1780	EL CAMINO REAL
FIJI MARKET	621	SAN MATEO
FINE LINE AUTOBODY	1144	MONTGOMERY
FIVE STAR AUTO BODY WORKS	916	SAN MATEO
FIX AUTO SOUTH SAN FRANCISCO	1177	SAN MATEO
FOUR SEAS AUTO SERVICE	1037	SAN MATEO
G M AUTO BODY	482	SAN BRUNO
GEORGIOS RESTAURANT	677	SAN MATEO
GINTEI	235	EL CAMINO REAL
GOLDEN GATE NATIONAL CEMETERY	1300	SNEATH
Google, Inc.	901	CHERRY
GOT PHO	1230	EL CAMINO REAL
GRAND LEADER MARKET	600	SAN MATEO
GRUMPYS MOTORCYCLES	797	SAN BRUNO
HANA'S CAFE	1111	BAYHILL
HANLONS TIRE SERVICE	205	SAN BRUNO
HARRY TRACY WATER TREATMENT PLANT	2901	CRYSTAL SPRINGS
HIRO JAPANESE RESTAURANT	449	SAN MATEO
HON LIN RESTAURANT INC	500	SAN MATEO
HOTEL AURA	190	EL CAMINO REAL
HOUSE OF COLOR SB	471	EL CAMINO REAL
HUNTINGTON LIQUOR	763	HUNTINGTON

Permittee Name: City of San Bruno

ICHIBAN SUSHI	352	EL CAMINO REAL
INDIA FOOD MARKET	650	SAN BRUNO
INTERNATIONAL AUTOBODY	1172	MONTGOMERY
INTL HOUSE OF PANCAKES #625	590	EL CAMINO REAL
JACK IN THE BOX #404	1700	EL CAMINO REAL
JACK SAN BRUNO	1050	ADMIRAL
JAMBA JUICE #154	851	CHERRY
JAPAN AUTO SERVICE	1121	SAN MATEO
JC PENNEY #1959	1122	EL CAMINO REAL
JIFFY LUBE #296	1580	EL CAMINO REAL
JLK PRECISION MOTORCYCLE	908	SAN MATEO
JOHN MUIR ELEMENTARY	130	CAMBRIDGE
K-119 OF CALIFORNIA INC	925	SAN MATEO
KAISER PERMANENTE	1011	SNEATH
KAISER PERMANENTE MEDICAL CENTER	901	EL CAMINO REAL
KAVA BAR	630	SAN MATEO
K-GRILL TOFU HOUSE	617	SAN MATEO
KING OF BBQ	189	EL CAMINO REAL
KOBE SAKE	312	EL CAMINO REAL
KUYAS ASIAN CUISINE, INC	460	SAN MATEO
LA DORA LIQUORS & DELI	604	SAN BRUNO
LA PALOMA RESTAURANT	699	SAN MATEO
LA SALSA MEXICAN GRILL SAN BRUNO	1230	EL CAMINO REAL
LALOMA AUTO BODY SHOP	848	SAN MATEO
LANGI AIRPORT EQUIPMENT REPAIR	1121	MONTGOMERY
LE CHON CATERING	169	SAN BRUNO
LEGACY AUTO TECH	161	TANFORAN
LENSCRAFTERS #5115	1150	EL CAMINO REAL
LERA GLASS	1245	SAN MATEO
LIMITLESS MOTORSPORTS	1049	SAN MATEO AVE
LIQUOR LOCKER	185	EL CAMINO REAL
LITTLE SUPER PIZZA	637	SAN MATEO
LOMITA PARK PUMP STATION	1049	SAN ANTONIO
LONDON FISH & CHIPS	130	EL CAMINO REAL
LOS PRIMOS PRODUCE AND MARKET	599	SAN MATEO
LOWE'S #1019	1340	EL CAMINO REAL
Lucky #748	1322	EL CAMINO REAL
LUNARDIS MARKET	2801	SAN BRUNO
MAR Y MAR SEAFOOD	602	SAN MATEO
MARRIOTT COURTYARD	1050	BAYHILL
MARSHALLS #492	1268	EL CAMINO REAL
MC AUTO BODY	828	SAN MATEO
MELODY TOYOTA	222	SAN BRUNO
MEXICANA PRODUCE	512	SAN MATEO
MID EAST MARKET	1776	EL CAMINO REAL
MID EAST MEAT MARKET	1778	EL CAMINO REAL
MIDAS	700	EL CAMINO REAL

Permittee Name: City of San Bruno

MIJOURI SUSHI BUNE	1230	EL CAMINO REAL
MILKCOW	1150	EL CAMINO REAL
MINGS RESTAURANT	436	SAN MATEO
MOBILL RESTORATION	1013	MONTGOMERY
MOLLIE STONES MARKET	22	BAYHILL SHOPPING CENTER
MONTE VERDE ELEMENTARY	2551	ST CLOUD
MONTGOMERY PLUS AUTO CLINIC	1014	MONTGOMERY
MOTORCYCLE MADNESS	115	EL CAMINO REAL
MR BATHTUB INC	199	SAN BRUNO
MR PICKLES SANDWICH SHOP	428	SAN BRUNO
NATIONAL COLOR AUTO PAINT INC	1136	MONTGOMERY
NEELAM PACIFIC MARKET	492	SAN MATEO
NEVER TOO LATTE	486	SAN MATEO
NEW YORK PIZZA	700	SAN BRUNO AVE
NEWELLS	497	SAN MATEO
NINJA SUSHI AND TOFU	681	SAN MATEO
NOORI PAKISTANI AND INDIAN CUISINE LLC	632	SAN MATEO
NOR CAL	1133	SAN MATEO
NORTH SOUTH SEAFOOD RESTAURANT	130	EL CAMINO REAL
NUEVE	851	CHERRY
OCEAN PALACE CHINESE RESTAURANT	711	CAMINO PLAZA
Oil Changer #303	2880	SKYLINE
OLE'S CARBURETOR & ELECTRIC INC	120	EL CAMINO REAL
ONE HOUR DRY CLEANING	100	EL CAMINO REAL
PACIFIC DINING- SKYLINE	3300	COLLEGE
PALOS VERDES SCHOOL	1290	COMMODORE
PAPA JOHN PIZZA	735	SAN MATEO
PARKSIDE INTERMEDIATE	1801	NILES
PATIO FILIPINO	1770	EL CAMINO REAL
PENINSULA HIGH SCHOOL	300	PIEDMONT
PENINSULA HIGH SCHOOL /PAINT SHOP	300	PIEDMONT
PENINSULA SEA FOOD MART	135	EL CAMINO REAL
PENINSULA TRANSMISSION	200	EL CAMINO REAL
PG&E: SAN BRUNO SUBSTATION		PEPPER
PG&E: SNEATH LANE SUBSTATION		SKYLINE BLVD & SNEATH LN
PITA HUB	799	EL CAMINO REAL
POPEYES	1310	EL CAMINO REAL
PORTOLA ELEMENTARY SCHOOL	300	AMADOR
PRECISION AUTO SVC	1018	MONTGOMERY
PRESTIGE AUTO BODY	1245	MONTGOMERY
PRIMESHAPE AUTOBODY INC	1212	MONTGOMERY
PROVIDENCE SAN BRUNO SKILLED NURSING	890	EL CAMINO REAL
QUALITY AUTOMOTIVE SHOP	501	EL CAMINO REAL
QUALITY BRAKE TUNE UP	511	SAN BRUNO
QUICKLY	1212	EL CAMINO REAL
RAGING BOBA	719	CAMINO PLAZA
RAMADA	500	EL CAMINO REAL

Permittee Name: City of San Bruno

RED CIRCLE HOT PAN	1230	EL CAMINO REAL
RED LOBSTER #0549	1210	EL CAMINO REAL
Red Robin #193 (San Bruno)	1274	EL CAMINO REAL
RED ROOSTER CATERING INC	1084	MONTGOMERY
RIB SHACK	223	EL CAMINO REAL
RICHARDS AUTO REPAIR	910	SAN MATEO
ROLLING PIN DONUTS LLC	429	SAN BRUNO
ROLLINGWOOD 76		
Rollingwood Chevron	2001	ROLLINGWOOD
ROLLINGWOOD ELEMENTARY	2500	COTTONWOOD
ROMA DELI	424	SAN MATEO
SALLY BEAUTY SUPPLY	1252	EL CAMINO REAL
SAMS FOOD MARKET	899	SAN MATEO
SAN BRUNO 76	401	SAN MATEO
SAN BRUNO 76 #2611200	717	SAN BRUNO
SAN BRUNO ARCO	1799	EL CAMINO REAL
SAN BRUNO AVE BP AUTO REPAIR	717	SAN BRUNO
SAN BRUNO CABLE	140	ARBOR
SAN BRUNO CABLE	398	EL CAMINO REAL
SAN BRUNO CAR WASH	512	EL CAMINO REAL
SAN BRUNO CITY FIRE DEPT	555	EL CAMINO REAL
SAN BRUNO CITY HALL	567	EL CAMINO REAL
SAN BRUNO COMMERCIAL KITCHEN	528	SAN MATEO
SAN BRUNO CORPORATION YARD	225	HUNTINGTON
SAN BRUNO KWIK SERVE	2101	SAN BRUNO
SAN BRUNO LIQUORS	542	SAN MATEO
SAN BRUNO PARKS & REC DEPT	251	CITY
SAN BRUNO POLICE	1177	HUNTINGTON
San Bruno Shell #173	798	EL CAMINO REAL
SAN BRUNO SR CITIZENS NUTRITION CTR	1555	CRYSTAL SPRINGS
SAN BRUNO TRANSFER STATION	101	TANFORAN
SAN BRUNO TRANSMISSION	271	SAN BRUNO
SAN BRUNO VALERO	310	SAN BRUNO
SAN BRUNO WATER PUMP STATION # 5	590	MAPLE
SAN BRUNO WELL #16		FOREST
SAN BRUNO WELL #17		HUNTINGTON
SAN BRUNO WELL #18	277	CYPRESS
SAN BRUNO WELL #20	3401	1ST
SAN FRANCISCO COUNTY JAIL #5	1	MORELAND
SAN FRANCISCO PUBLIC UTILITIES		ANGUS AVE & SIXTH AVE
SEARS #1478	1178	EL CAMINO REAL
Sears #6909	1178	EL CAMINO REAL
SEGOVIA AUTO BODY INC	1249	SAN MATEO
SENIORES PIZZA	730	KAINS
SEVEN ELEVEN 2366-14335C	105	ANGUS
SEVEN ELEVEN FOOD STORE #15910	2100	CRESTMOR
SHARI	2010	ROLLINGWOOD

Permittee Name: City of San Bruno

SHARP PARK PUMP STATION	3496	HIGHLAND
SHOPS AT TANFORAN ASSOCIATES, LLC	1150	EL CAMINO REAL
SIDE BY SIDE GOURMET	353	ANGUS
SKYLINE COLLEGE	3300	College
SKYLINE COLLEGE BOOKSTORE-BLDG 6	3300	COLLEGE
SPEEDEE OIL LUBE & TUNE UP	801	EL CAMINO REAL
SPEEDY SPOT	701	JENEVEIN
SPIRAL JAPANESE RESTAURANT	705	CAMINO PLAZA
ST ROBERTS CHURCH & SCHOOL	345	OAK
STARBUCKS COFFEE	851	CHERRY
STARBUCKS COFFEE CO	501	SAN MATEO
STARBUCKS COFFEE CO	1212	EL CAMINO REAL
STAY BRIDGE SUITES	1350	HUNTINGTON
SUBWAY #61679	1150	EL CAMINO REAL
SUNNYS SUSHI	851	CHERRY
SUPERIOR AUTO REPAIR	1253	SAN MATEO
SUSHI HOUSE	576	SAN MATEO
SWEET & NATURAL	629	SAN MATEO
SWEET CONNECTIONS	430	SAN MATEO
T & J AUTOMOTIVE	1073	SAN MATEO
TANFORAN SHELL #8	1199	EL CAMINO REAL
TAQUERIA MI DURANGO	287	EL CAMINO REAL
TAQUERIA SAN BRUNO	1045	SAN MATEO
TARGET T1054	1150	EL CAMINO REAL
TASTEBUDS	582	SAN BRUNO
TECHNIC AUTO REPAIR	1051	SAN MATEO
TECHNICS BODY SHOP	898	SAN MATEO
TERRA NOVA AUTO SERVICE	1137	SAN MATEO
THAI NAKORN RESTAURANT	464	SAN MATEO
THE BONEYARD	1225	SAN MATEO
THE DOG HOUSE	130	EL CAMINO REAL
THE HUNGER AT YOUTUBE	1000	CHERRY
TOM & JACKS AUTO SERVICE & REPAIR	798	SAN BRUNO
TONYS AUTO REPAIR	601	KAINS
TOTOS PIZZERIA OF SAN BRUNO	1690	EL CAMINO REAL
TRANSMISSION AUTO REPAIR & BODY WK	1125	SAN MATEO
TRIPLE M BODY SHOP	1071	MONTGOMERY
TRUST AUTO AND PERFORMANCE	675	SAN BRUNO
UNIQUE CUSTOM COLLISION CENTER	1200	MONTGOMERY
VALLEJO AUTO BODY & PAINT	1269	SAN MATEO
Verizon Wireless Hwy 280 & 380	2101	Sneath
Verizon Wireless Hwy 35 & 280	250	Courtland
Verizon Wireless Hwy 35 San Bruno	1900	Skyline
VICTORY HONDA OF SAN BRUNO	345	EL CAMINO REAL
VIENNA PIZZERIA & RESTAURANTS INC	1590	EL CAMINO REAL
VINCES SHELLFISH CO INC	1063	MONTGOMERY
VOLIKOS ENTERPRISES	999	7TH

Permittee Name: City of San Bruno

Walgreens #2939	333	EL CAMINO REAL
Walmart eCommerce 8771	850	Cherry
WENDYS IN SAN BRUNO	499	EL CAMINO REAL
WEST COAST AUTO REPAIR	1029	SAN MATEO
WEST COAST CAFE	466	SAN MATEO
YOU TUBE	901	CHERRY

Permittee Name: City of San Bruno

Facility Name	Street #	Street Address
23RD MARINES HEADQUARTERS	900	COMMODORE
A & F AUTO BODY REPAIR	1261-65	SAN MATEO
A & W AUTO BODY	1045	MONTGOMERY
A & Z AUTO BODY SHOP	1079	MONTGOMERY
ACCESS AUTO BODY SHOP	887	SAN MATEO
AJI ICHI JAPANESE RESTAURANT	695	SAN MATEO
AKAGI RESTAURANT	713	CAMINO PLAZA
AMAMI SUSHI CORPORATION	1789	EL CAMINO REAL
AMERICAN LEGION POST 409	757	SAN MATEO
ARAUJOS LA TAQUERIA	404	SAN BRUNO
ARTICHOKE JOES ENTERPRISE INC	659	HUNTINGTON
AUTO PLUS BODY SHOP	1051	MONTGOMERY
AUTOLOGIC	265	SAN BRUNO
BELLE AIR ELEMENTARY	450	3RD
BK 6260	1278	EL CAMINO REAL
BOILING BEIJING	649	SAN MATEO
BUDS AUTO CLINIC	1254	MONTGOMERY
C & C AUTOMOTIVE REFINISHING	860	SAN MATEO
C & M AUTOMOTIVE	1157	MONTGOMERY
CABALEN	495	SAN MATEO
CAMINO CORNER RESTAURANT	110	EL CAMINO REAL
CAPUCHINO HIGH SCHOOL	1501	MAGNOLIA
CARLS JR #315 RESTAURANT	899	CHERRY
CELIAS	201	EL CAMINO REAL
CERTIFIED AUTO BODY	1201	SAN MATEO
CHILIS BAR & GRILL	899	EL CAMINO REAL
CHILTON AUTO BODY INC	1720	EL CAMINO REAL
CHIPOTLE MEXICAN GRILL #2412	1150	EL CAMINO REAL
CHUCK E CHEESE	1270	EL CAMINO REAL
CURRY EXPRESS	1150	EL CAMINO REAL
D&J AUTO REPAIR	900	SAN MATEO
DAVITA	1178	CHERRY
DAYS INN SAN BRUNO	1550	EL CAMINO REAL
DBA DEBRIS BOX	800	WALNUT
DICKEYS BBQ PIT	1212	EL CAMINO REAL
DOUBLE AA EL CAMINO	800	EL CAMINO REAL
E & E ENTERPRISE	1129	SAN MATEO
EL CRYSTAL ELEMENTARY	201	BALBOA
EUROPEAN CAR SERVICE	928	EL CAMINO REAL
EXTRA CARE	840	SAN MATEO
FAT WONGS KITCHEN INC	1780	EL CAMINO REAL
FINE LINE AUTOBODY	1144	MONTGOMERY
FOUR SEAS AUTO SERVICE	1037	SAN MATEO
G M AUTO BODY	482	SAN BRUNO
GEORGIOS RESTAURANT	677	SAN MATEO
GOLDEN GATE NATIONAL CEMETERY	1300	SNEATH

Permittee Name: City of San Bruno

Google, Inc.	901	CHERRY
GOT PHO	1230	EL CAMINO REAL
GRUMPYS MOTORCYCLES	797	SAN BRUNO
HANA'S CAFE	1111	BAYHILL
HANLONS TIRE SERVICE	205	SAN BRUNO
HARRY TRACY WATER TREATMENT PLANT	2901	CRYSTAL SPRINGS
HIRO JAPANESE RESTAURANT	449	SAN MATEO
HON LIN RESTAURANT INC	500	SAN MATEO
HOTEL AURA	190	EL CAMINO REAL
ICHIBAN SUSHI	352	EL CAMINO REAL
INTERNATIONAL AUTOBODY	1172	MONTGOMERY
INTL HOUSE OF PANCAKES #625	590	EL CAMINO REAL
JACK SAN BRUNO	1050	ADMIRAL
JAPAN AUTO SERVICE	1121	SAN MATEO
JIFFY LUBE #296	1580	EL CAMINO REAL
JLK PRECISION MOTORCYCLE	908	SAN MATEO
JOHN MUIR ELEMENTARY	130	CAMBRIDGE
KAISER PERMANENTE	1011	SNEATH
KAISER PERMANENTE MEDICAL CENTER	901	EL CAMINO REAL
K-GRILL TOFU HOUSE	617	SAN MATEO
KING OF BBQ	189	EL CAMINO REAL
KOBE SAKE	312	EL CAMINO REAL
LA PALOMA RESTAURANT	699	SAN MATEO
LA SALSA MEXICAN GRILL SAN BRUNO	1230	EL CAMINO REAL
LALOMA AUTO BODY SHOP	848	SAN MATEO
LANGI AIRPORT EQUIPMENT REPAIR	1121	MONTGOMERY
LE CHON CATERING	169	SAN BRUNO
LITTLE SUPER PIZZA	637	SAN MATEO
LONDON FISH & CHIPS	130	EL CAMINO REAL
MC AUTO BODY	828	SAN MATEO
MELODY TOYOTA	222	SAN BRUNO
MIJOURI SUSHI BUNE	1230	EL CAMINO REAL
MOBILL RESTORATION	1013	MONTGOMERY
MOTORCYCLE MADNESS	115	EL CAMINO REAL
NEW YORK PIZZA	700	SAN BRUNO AVE
NINJA SUSHI AND TOFU	681	SAN MATEO
NOORI PAKISTANI AND INDIAN CUISINE LLC	632	SAN MATEO
NOR CAL	1133	SAN MATEO
NORTH SOUTH SEAFOOD RESTAURANT	130	EL CAMINO REAL
PACIFIC DINING- SKYLINE	3300	COLLEGE
PATIO FILIPINO	1770	EL CAMINO REAL
PENINSULA HIGH SCHOOL	300	PIEDMONT
PENINSULA TRANSMISSION	200	EL CAMINO REAL
POPEYES	1310	EL CAMINO REAL
PORTOLA ELEMENTARY SCHOOL	300	AMADOR
PRECISION AUTO SVC	1018	MONTGOMERY
PRESTIGE AUTO BODY	1245	MONTGOMERY

Permittee Name: City of San Bruno

PRIMESHape AUTOBODY INC	1212	MONTGOMERY
PROVIDENCE SAN BRUNO SKILLED NURSING FACILITY	890	EL CAMINO REAL
QUALITY AUTOMOTIVE SHOP	501	EL CAMINO REAL
QUALITY BRAKE TUNE UP	511	SAN BRUNO
RAGING BOBA	719	CAMINO PLAZA
RAMADA	500	EL CAMINO REAL
RED CIRCLE HOT PAN	1230	EL CAMINO REAL
RED LOBSTER #0549	1210	EL CAMINO REAL
RIB SHACK	223	EL CAMINO REAL
RICHARDS AUTO REPAIR	910	SAN MATEO
Rollingwood Chevron	2001	ROLLINGWOOD
ROLLINGWOOD ELEMENTARY	2500	COTTONWOOD
SAN BRUNO 76	401	SAN MATEO
SAN BRUNO 76 #2611200	717	SAN BRUNO
SAN BRUNO CITY FIRE DEPT	555	EL CAMINO REAL
SAN BRUNO CITY HALL	567	EL CAMINO REAL
SAN BRUNO COMMERCIAL KITCHEN	528	SAN MATEO
SAN BRUNO CORPORATION YARD	225	HUNTINGTON
SAN BRUNO PARKS & REC DEPT	251	CITY
SAN BRUNO POLICE	1177	HUNTINGTON
San Bruno Shell #173	798	EL CAMINO REAL
SAN BRUNO VALERO	310	SAN BRUNO
SAN FRANCISCO COUNTY JAIL #5	1	MORELAND
SEGOVIA AUTO BODY INC	1249	SAN MATEO
SENIORES PIZZA	730	KAINS
SKYLINE COLLEGE	3300	College
SKYLINE COLLEGE BOOKSTORE-BLDG 6	3300	COLLEGE
SPEEDEE OIL LUBE & TUNE UP	801	EL CAMINO REAL
SWEET & NATURAL	629	SAN MATEO
T & J AUTOMOTIVE	1073	SAN MATEO
TAQUERIA MI DURANGO	287	EL CAMINO REAL
TAQUERIA SAN BRUNO	1045	SAN MATEO
TASTEBUDS	582	SAN BRUNO
TECHNIC AUTO REPAIR	1051	SAN MATEO
TERRA NOVA AUTO SERVICE	1137	SAN MATEO
TONYS AUTO REPAIR	601	KAINS
TOTOS PIZZERIA OF SAN BRUNO	1690	EL CAMINO REAL
TRANSMISSION AUTO REPAIR & BODY WK	1125	SAN MATEO
TRIPLE M BODY SHOP	1071	MONTGOMERY
TRUST AUTO AND PERFORMANCE	675	SAN BRUNO
UNIQUE CUSTOM COLLISION CENTER	1200	MONTGOMERY
VALLEJO AUTO BODY & PAINT	1269	SAN MATEO
VICTORY HONDA OF SAN BRUNO	345	EL CAMINO REAL
VOLIKOS ENTERPRISES	999	7TH
WEST COAST CAFE	466	SAN MATEO
YOU TUBE	901	CHERRY

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:

San Bruno is a collective participant in the inspection, detection and elimination of illicit discharges (IDDE) into City storm drain systems. The City follows the guidelines identified within the City Enforcement Response Plan (ERP). Designated staff from Public Works attend the San Mateo County SMCWPPP NDS: (last meeting, August 13th, 2019 NDS Meeting). Highlights of activity: Updated the table of storm water enforcement actions against mobile businesses and updated the Illicit Discharge contact list from the SMCWPPP website.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SWCWPPP FY18-19 Annual Report for description of activities at the countywide or regional level.

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

Summary of changes made during FY 18-19:

The City implemented a Citizens Reporting Module "San Bruno Responds" whereby citizens can now forward illicit discharge reports directly to the Public Works Department. Public Works, in collaboration with Code Enforcement, investigate and take progressive corrective actions as identified within the SBERP to eliminate sources of illicit discharges. The Community Development Department tracks and retains case notes on discovered or reported cases through a land management system.

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))	13
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	1
Discharges resolved in a timely manner (C.5.d.iii.(3))	13
<p>Comments:</p> <p><u>Public Works</u> In 2018-19, 5 discharges were reported by Public Works, with 1 reaching storm drains.</p> <p>Three (3) discharges were due to Sanitary Sewer Overflows (SSO) caused by debris and rag blockages.</p> <p>One (1) SSO was caused by root intrusion. Wastewater crews are immediately dispatched to these locations upon notification with a vacuum combination unit to retrieve as much of the overflow from the storm drain as possible.</p> <p>One (1) non-SSO reports was a potential oil dumped in storm drain but no oil was found in DI only some stains on the grate, DI washed and cleaned out with vacuum combination unit.</p> <p><u>Code Enforcement</u> In 2018-19, 8 discharges were reported by Code Enforcement, with 0 reaching storm drains.</p> <p>Non-SSO discharges are investigated, and reported by Code Enforcement staff and or by SMCWPPP staff. When the complaint is received the Code Enforcement Officer responds as soon as possible to catch the violator in the act and to prevent any more pollution from entering the storm drain. If the discharge has not reached the storm drain, the violator is allowed to clean the gutter and street. If the discharge has reached the storm drain, Public Works is called to clean and vacuum all affected inlets and piping. This may require blocking inlets further down-stream, washing the discharge out completely and vacuuming out the contents so that it does not flow to the Bay. All costs for cleanup are billed to the discharger who also receives enforcement action according the Enforcement Response Plan.</p> <p>After investigation, some reports are of no merit, such as a neighbor complaining about another neighbor, but then finding no violation or evidence of a violation. In some cases, we received complaints of a business dumping into a storm drain in the early morning hours. In either case, staff gives a verbal warning as an educational tool and a reminder that the City is active in water pollution prevention.</p>	

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 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 update 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))
City stormwater inspectors that find mobile businesses improperly discharging wash water to the street, gutter, storm drain, etc. through a complaint investigation or during routine field work issue enforcement actions and track the facility through the City's Illicit Discharge Detection and Elimination (IDDE) spill and discharge complaint tracking system according to MRP C.5.d. 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):
Refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 18-19 Annual Report for 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)
Inspections of mobile businesses are conducted in response to complaints or illicit discharges reported through the City's IDDE program.
(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 does not publicize, but provides MS4 maps as requested. MS4 maps are also available to the public on the Oakland Museum Creek Mapping Project website (http://explore.museumca.org/creeks/crkmap.html). The SMCWPPP website, flowstobay.org , also has a link to the Oakland museum maps.

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)
1	1	1	21
Monthly Inspections 10/01/2018 -04/30/2019 2081 Whitman - Active Hillside Site / 408-418 San Mateo Ave - High Priority Site <1 acre / 1250 Grundy Lane - High Priority Site >1 acre			
TOTAL STOPP(MRP/BMP) Inspections associated to building permits issued for new, alterations and additions to residential and non-residential properties during the year inclusive of the rain period October 2018 through April 2019 – 532- STOPP INSPECTIONS (– 21 High Priority Sites as identified in Top table.)			

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

Guidance: Do not leave any cells blank. Provide a brief description of each enforcement action level (e.g., verbal warning, notice of violation, stop work order, legal action, etc.

	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning	3
Level 2	Warning Notice or Administrative Action	0
Level 3	Administrative Action with Penalty &/or Cost Recovery	0
Level 4	Legal Action/Referral	0
Total		3

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)	3

C.6.e.iii.(3)(g) ► Corrective Actions

Indicate your reporting methodology below.

- Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
- 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)	3
Comments: Typical violations observed during rainy periods; removed or damaged wattles at construction entrance to sites.	

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

All STOPP/BMP inspections are logged and tracked via the Department Permit Tracking System: TRAKiT.
Trends appear to be consistent with previous years of observed discrete potential and actual discharges.
ALL DISCOVERED VIOLATIONS WERE RESOLVED AFTER VERBAL CORRECTIONS ISSUED AND WITHIN 10 DAYS OF NOTICE.

Description: Building Inspectors and Code Enforcement Officers are briefed prior to the rainy season of C.6 regulations related to discrete potential and actual discharge and management of BMPs for each site.

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

CBO conducts annual evaluation and review of construction inspection program and efforts conducted by field inspectors. CBO Reviews and updates MRP requirements, such as: Revised stormwater construction inspection forms and inspection data tracking tools; revised operating procedures and provided training to inspectors; inspections procedures associated with any changes in new forms; Inspectors participate in the countywide program's committees/work groups; CBO participated in the kick off meeting of BASMAA Development Committee.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
CalBIG: Construction Stormwater Compliance	October 10, 2018	Existing and new MRP requirements including C.6, C.3.i and C13.a; proper installation of construction BMPs	1
www.flowstobay.org/trainings: Construction Site Control Training	March 11, 2019	MRP Provision C.6 and Construction General Permit requirements, Coordinating with Caltrans projects, use of the Construction Site Inspection Checklist, and inspection of newly installed post-constructions BMPs.	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 18-19 Annual Report for a description of outreach campaign activities conducted at the countywide level.

The City routinely handed out and displayed promotional materials provided by the SMCWPPP such as brochures, information cards, and giveaways. Materials were available at City Hall, Library, and Recreation Center.

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 18-19 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
San Bruno Operation Clean Sweep May 4, 2019	<p>An annual event where the City seeks volunteers to do a number of maintenance and collection activities including painting, weeding, and trash pickup in a variety of locations throughout San Bruno.</p> <p>Residents gather at San Bruno City Park, register and obtain their work assignments. Volunteers return in the afternoon for a barbeque lunch and distribution of thank you gifts. The local trash hauler, Recology San Bruno, is a major sponsor of the event.</p>	<p>Operation Clean Sweep is an effective outreach event because residents are eager to help their community and often inquire about how they can help more. Citizens become more aware of Stormwater pollution prevention and are pleased to learn of other ways to participate and other programs and promotional items available. The event reaches a broad spectrum of the local community and is heavily promoted through print and televised media.</p> <p>Estimated attendance for the 2019 event was about 250 volunteers. The City solicits new volunteers from advertising campaigns targeting schools and volunteer groups. Promotional materials included informational brochures.</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 18-19 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 18-19 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)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.

See Section 7 of the SMCWPPP FY 18-19 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

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?				<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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							
Active Ingredient Chlorpyrifos	N/A	0	0	0			
Active Ingredient Diazinon	N/A	0	0	0			
Active Ingredient Malathion	N/A	0	0	0			
Pyrethroids (see footnote #2 for list of active ingredients)							
Active Ingredient Type X	0	0	0	0			
Active Ingredient Type Y	0	0	0	0			
Carbamates							
Active Ingredient Carbaryl	N/A	0	0	0			
Active Ingredient Aldicarb	N/A	0	0	0			
Fipronil	N/A	0	0	0			
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount						
	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			

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, lambdacyhalothrin, and permethrin.

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		
Active Ingredient Cyantraniliprole		0	0	0		
Reasons for increases in use of pesticides that threaten water quality:						
N/A						
IPM Tactics and Strategies Used:						
During the past year, staff has decreased overall pesticide use and implemented more mechanical means for weed control such as line trimmers, hand pulling, and mulching.						

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.	7
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	7
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.	100%
Type of Training:	
Tailgate training and PAPA/CAPCA education seminars.	

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes		No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes		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 Parks staff met with contractor staff for a planning and coordination meeting prior to beginning work. Contractors were given copy of the City's SOP and IPM. Parks staff accompanied the contractor during application for compliance, monitoring, and project management. Attached is a copy of the City's SOP and IPM</p>				
<p>If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.</p>				

C.9.d ▶ Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
<p>If yes, summarize the communication. If no, explain.</p> <p>Please refer to the Countywide Program's Annual Report for a summary of communication with the County Agricultural Commissioner</p>				
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
<p>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.</p>				

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.
<p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 18-19 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>

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 the C.9 Pesticides Toxicity Control section of Countywide Program's FY 18-19 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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 the C.9 Pesticides Toxicity Control section of Program's FY 18-19 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

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 18-19, 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 the City of San Bruno's IPM Program during this permit term; and
- Pesticide-related area(s) that the City of San Bruno will focus on enhancing during the next permit term.

During the past year, staff has decreased overall pesticide use and implemented more mechanical means for weed control such as line trimmers, hand pulling, and mulching.

City of San Bruno
Standard Operating Procedures for Pesticide Use and Implementation
of Municipality's Integrated Pest Management Policy

Purpose: To minimize the use and reliance on those pesticides that threaten water quality by implementing the city's policy for integrated pest management (IPM) by all municipal employees and contractors hired to manage pests on municipal property.

Responsible Parties: All city personnel that as part of their municipal job duties are authorized to plan, manage, and control pests including pesticide applications and all city personnel that administer municipal contracts for applying pesticide on municipal property.

Contracts & Contractors: Contracts shall include a requirement that the contractor shall adhere to the city's IPM policy. This will be accomplished by using the following procedures:

1. Include a copy or link to the municipality's IPM policy in the contractor solicitation documents, e.g., Request for Proposal or Request for Quote, and make it clear that the pest control services being solicited must comply with the IPM policy.
2. Include a copy of the municipality's IPM policy in the contract's specifications.
3. Meet with the contractor to review the City's IPM policy.

Municipal Employees: Municipal employees who are authorized to manage pests are required to implement the city's IPM policy. This will be accomplished by using the following procedures:

1. Use cultural practices and pest prevention measures to minimize the occurrence of pest problems.
2. Set a threshold of tolerance for pests.
3. Use biological and physical controls that are environmentally appropriate and economically feasible to control pests.
4. Use chemical control as a last resort, and then the least toxic product will be used. Where feasible for structural pest control, insecticides will be applied as containerized baits.
5. Avoid the use of pesticides that threaten water quality⁵⁵ especially in formulations and situations that pose a risk of contaminating stormwater runoff.
6. Train employees on IPM techniques, pesticides-related stormwater pollution prevention methods, the municipality's IPM policy and these standard operating procedures.
7. As part of the municipality's annual report for the municipal regional stormwater permit, report on the IPM policy's implementation by showing trends in the quantities and types of pesticides used and suggest reasons for any increases in uses of pesticides that threaten water quality¹ (as required by municipal regional stormwater permit Provision C.9.b.).

⁵⁵ The municipal regional stormwater permit identifies the following pesticides as having a concern to water quality: "organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil." (Provision C.9)

City of San Bruno
Integrated Pest Management (IPM) Policy
(Adopted March 2012)

GOAL

The City of San Bruno (City) seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control through the reduced use of pesticides on property including buildings owned or managed by the City by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the City minimize reliance on pesticides that threaten water quality.

REQUIRED USE OF INTEGRATED PEST MANAGEMENT

Employees implementing pest management controls will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives. Pesticides will only be used after careful consideration of non-chemical alternatives and then the least toxic chemicals that are effective shall be used. Pest control contractors hired by the City are required to implement IPM to control pests. This will be achieved by hiring only IPM-certified pest control contractors or by including contract specifications requiring contractors to implement IPM methods.

The City will establish written standard operating procedures for pesticide use to ensure implementation of this IPM policy and to require municipal employees and pest control contractors to comply with the standard operating procedures.

The City will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed consistent with the municipal regional stormwater permit's requirements.

The City will review its purchasing procedures, contracts or service agreements with pest control contractors and employee training practices to determine what changes, if any, need to be made to support the implementation of this IPM Policy.

The City will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues consistent with the municipal regional stormwater permit's requirements.

The IPM-based hierarchical decision making process that will be used to control pests will include the following:

1. Based on field observations evaluate locations and sites where pest problems commonly occur to determine pest population, size, occurrence, and natural enemy population, if present. Identify conditions that contribute to the development of pest populations, and decisions and practices that could be employed to manage pest populations
2. Design, construct, and maintain landscapes and buildings to reduce and eliminate pest habitats;

3. Modify management practices including watering, mulching, waste management, and food storage to discourage the development of pest population;
4. Modify pest ecosystems to reduce food, water sources, and harborage;
5. Prioritize the use of physical controls such as mowing weeds, using traps, and installing barriers;
6. Use biological controls to introduce or enhance a pests' natural enemies;
7. When pest populations reach treatment thresholds (based on how much biological, aesthetic, economic or other damage is tolerable) non-pesticide management activities will be evaluated before considering the use of pesticides;
8. When pesticides are necessary, select reduced risk pesticides and use the minimum amounts needed to be effective;
9. Apply pesticides at the most effective treatment time, based on pest biology, monitoring and other variables, such as weather, seasonal changes in wildlife use, and local conditions; and;
10. Whenever possible, use pesticide application methods, such as containerized baits, that minimize opportunities for mobilization of the pesticide in stormwater runoff.

Departments performing pest management activities will identify an IPM coordinator who is responsible for assisting staff with implementation of this IPM policy.

BACKGROUND

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests.

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, beneficial and nontarget organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing, caulking entry points to buildings); cultural controls (e.g., mulching, alternative plant type selection, and enhanced cleaning and containment of food sources in buildings); and reduced risk chemical controls (e.g., soaps or oils).

City owned or managed property/facility includes but is not limited to parks and open space, golf courses, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.

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)	39.9%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	34.4%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	10.0%
SubTotal for Above Actions	84.3%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	3.5%
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	87.8%
<p>Discussion of Trash Load Reduction Calculation and Attainment of the 80% Mandatory Deadline: The City attained and reported 78.8% 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. This 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 87.8% (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</p>	

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		
Connector Pipe Screens (Public)	177	189.7
Devices installed by bordering Permittees with treatment areas extending into the City of San Bruno	-	0.4
Low Impact Development (Private)	3	2.56
Installed Prior to FY 18-19		
Connector Pipe Screens (Public)	58	95.3
Hydrodynamic Separators (Private)	4	51.8
Low Impact Development (Private)	3	14.8
Total for all Systems Installed To-date	245	354.56
Treatment Acreage Required by Permit (Population-based Permittees)		41
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

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

Provide the following:

- 1) Jurisdiction-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	10.4%	235	0%	These devices are inspected and maintained prior to the "first flush" with additional inspection and maintenance conducted, as necessary after major storm events (may be up to four times/year). Small full-capture devices are maintained by using a combination sewer truck (i.e. Vactor truck) to pressure wash and vacuum all debris from the catch basin and connector pipe screen. In some instances, the catch basins are shoveled and swept. A Trash Capture Device Order is filled out for every maintenance event and is logged. Paper copies of the Maintenance Reports are also kept at the Public Works Department. To date, the City has experienced 4 CPS failures on units that were installed this year. The 4 units were found damaged April 11 th during cleaning assignment, they were repaired by United Storm Water on 4-26-2019. Two CPS unit were removed to allow access to the main line for CCTV work, and were replaced after the work was completed. Two of the ARS units at the curb face opening have also been repaired.
2	8.7%			
3	17.6%			
4	0.0%			
5	3.3%			
6	0.0%			
7	0.0%			
8	0.0%			
9	0.0%			
Total	39.9%			

Certification Statement: The City of San Bruno certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.

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><u>STREET SWEEPING</u></p> <ul style="list-style-type: none"> • Installed “No Parking-Street Sweeping” signs to prohibit parking during sweeping hours. All streets within TMA #1 are posted except for San Mateo Avenue. “No Parking-Street Sweeping” signs along Layne Place, Maryland Place and Hensley Avenue (between Sylvan Avenue and West Angus Avenue) are not posted because access is limited due to narrow alleys between buildings. • The City developed the street sweeping program to minimize inconvenience to residents by sweeping within an established two-hour window and limiting sweeping to one side of the street on the scheduled day. As a result, residents may park on the opposite side of the street that is not swept that day. All streets with TMA #1 except San Mateo Avenue, Jenevein Avenue (between El Camino Real and San Mateo Avenue) and Sylvan Avenue (between San Mateo Avenue and Mastick Avenue) are swept twice/month (1st and 3rd Monday on one side of the street and 1st and 3rd Tuesday). On scheduled sweeping days where signs are present, the sweeper is preceded by a City Community Service Officer who issues citations to vehicles in violation of the posted signs. As a result, cars are consistently not present when sweeping is conducted. Therefore, sweeping practices are effective since the sweeper is reaching the curb. • San Mateo Avenue, Jenevein Avenue (between El Camino Real and San Mateo Avenue) and Sylvan Avenue (between San Mateo Avenue and Mastick Avenue) are swept five days/week (Monday-Friday) between 6:00 a.m. and 10 a.m. using a Green Machine street sweeper. These streets are not posted “No Parking-Street Sweeping”. However, cars are consistently not present when sweeping is conducted since the vast majority of retail and commercial businesses within the downtown area are closed. Therefore, sweeping practices are effective since the sweeper is reaching the curb. Due to the very frequent sweeping of San Mateo Avenue, very minimal trash is present on streets during the week (Monday-Friday). • Prior to sweeping San Mateo Avenue, City staff blows trash from the sidewalk into the street or picks up the trash along the stretch five days/week (Monday-Friday). As a result, the sweeper is removing additional trash that otherwise would stay on the sidewalk. This practice has been effective in reducing trash loads on San Mateo Avenue resulting in very minimal trash present on sidewalks during the week (Monday-Friday). • All City-owned parking lots within TMA #1 are swept twice/week between the hours of 6:00 a.m. and 10 a.m. <p><u>ON-LAND CLEANUPS</u></p> <ul style="list-style-type: none"> • The City’s Public Works Department performs on-land cleanup of the San Mateo Avenue corridor and City-owned parking lots five days/week (Monday/Friday) between the hours of 6:00 a.m. and 10 a.m. On-land cleanup activities include City staff blowing trash from the sidewalk into the street or picks up the trash along San Mateo Avenue and trash from San Mateo Avenue and City-owned parking lots. On-land cleanups have been effective in reducing trash loads and improving overall aesthetics on San Mateo Avenue and City-owned parking lots resulting in very minimal trash present within these areas during the work week (Monday-Friday).

	<p>Addition clean up actions not included in Long Term Plan: At the beginning of 2015 the 500 block of San Mateo Ave was impacted with cars due to an increase in gym membership at one location and the opening of another facility on that block. This effected the early morning cleaning of the downtown area, prohibiting the green machine sweeper from effectively sweeping along this area and to the curb. Cleaning of this area had to be modified to keep area clean. The 500 block is swept Monday thru Friday, but due to parked cars about half the area the curb is missed. On Thursday the all of the curb area is cleaned with the vacuum unit on the green machine in addition to cleaning the drain inlets.</p> <p>Partial Capture Devices FY18-19 ARS units were installed along with the CPS units in the downtown area which have a curb face open large enough for the ARS units.</p>
#3	<p>In February 2013, the City increased their street sweeping frequency in retail, commercial and industrial areas within TMA #3 from twice/month to once/week. Street sweeping frequency was adjusted to maximize effectiveness. To address areas with heavy leaf drop, the City has increased sweeping to once/week during the wet season on the following streets or areas:</p> <ul style="list-style-type: none"> • San Bruno Avenue between El Camino Real and Huntington Avenue. The street sweeper is reaching the curb since San Bruno Avenue is a major through fare with no parking. <p>Euclid Area (800-900 blocks of Huntington, Mills, Masson, Easton, Green and Hensley Avenues, Euclid Avenue and Forest Lane. Approximately 4.09 curb miles. The street sweeper is reaching the curb since this entire areas is posted with "No Parking-Street Sweeping" signs.</p> <p>Partial Capture Devices FY18-19 ARS units were installed along with the CPS units in the area which have a curb face open large enough for the ARS units.</p>
#4	<p>In February 2013, the City increased their street sweeping frequency of the outside and median curbs of El Camino Real from twice/month to once/week. Currently, the outside curbs are swept on Mondays and the median curbs are swept on Fridays. Street sweeping frequency was adjusted to maximize effectiveness.</p>
#5	<p>In February 2013, the City increased their street sweeping frequency in retail, commercial and industrial areas within TMA #5 from twice/month to once/week. Street sweeping frequency was adjusted to maximize effectiveness. To address with heavy leaf drop, the City has increased sweeping to once/week during the wet season on the following streets or areas:</p> <ul style="list-style-type: none"> • <u>Bayhill Commercial Area (Bayhill Drive between El Camino Real and Cherry Avenue, Elm Avenue from San Bruno Avenue to Grundy Lane, Traeger Avenue from San Bruno Avenue to Bayhill Drive.</u> Approximately 1.61 curb miles. The street sweeper is reaching the curb since these streets are red-curbed, too narrow for parking or an active lane of traffic where you cannot park. • <u>San Bruno Avenue between El Camino Real and Interstate 280.</u> Approximately 0.95 curb miles. The street sweeper is reaching the curb since San Bruno Avenue is a major through fare with no parking. <p>Updated the "Street Sweeping" webpage on the City's website. This webpage provides the street sweeping frequency by residential area within the City. Residents may view a list of streets within a residential area to determine when their street is swept. The webpage is available at: http://sanbruno.ca.gov/pw_streetsweep.html.</p>

#6	Implementation of No Parking sign was completed in TMA #6 in April 2014 Installation of "No Parking-Street Sweeping" signs on Shelter Creek Lane to prohibit parking during sweeping hours. On scheduled sweeping days where signs are present, the sweeper is preceded by a City Community Service Officer who issues citations to vehicles in violation of the posted signs.
#7	No additional street sweeping was implemented near schools delineated as TMA#7 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
#8	No additional street sweeping was implemented near parks delineated as TMA #8 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
#9	No additional street sweeping was implemented in residential neighborhoods within TMA #9 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
All TMA's	On-Land Clean Up: The City's Street/Storm Division has two employees for the "trash patrol" program five days/week (4 hours per day) throughout the City in all of the TMA areas during this time period. The dominant types of trash removed were large items, the smaller items (trash/litter) is collected and bagged to estimate its quantity, and the larger items are logged and counted separately. Additional City staff assisted with emergency cleanups. City staff quantifies the amounts collected by either putting trash in bags or 5 gallon buckets. The amounts are recorded on work orders or in debris removal log book.
#2	Partial Capture Devices: In April 2011, West Coast Storm installed 46 Connector Pipe Screens within catch basins along with ARS units covering a minimum of 82.62 acres of the Belle Air Park neighborhood in the City of San Bruno. July 2013 United Storm Water installed an additional 9 CPS units along with ARS units. These devices are inspected and maintained prior to the "first flush" with additional inspection and maintenance conducted, as necessary after major storm events (may be up to four times/year).
All TMA's	Storm Drain Inlet Cleaning: Storm drains are inspected and cleaned on a yearly schedule. Maintenance logs of the condition and material removed are kept.
All TMA's	Uncovered Loads: The City of San Bruno requires its current Municipal Trash Hauler, Recology to properly cover all open debris boxes during transportation to their disposal site, which can be found in 4.6, 4.4 of the Franchise Agreement the City of San Bruno maintains with Recology, furthermore, the Franchise Agreement states that Recology has the exclusive right, Franchise and privilege to be the sole provider of trash and construction debris boxes to San Bruno residents while in an Agreement with the City of San Bruno.
All TMA's	Anti-littering and illegal dumping enforcement activities: The City of San Bruno has adopted a basic anti-littering and illegal dumping enforcement program that entails receiving and responding to complaints from citizens as resources allow. Complaints

	are received by both telephone, and email via the City's website reporting forum. Public Works staff investigates refuse collected from illegal dumpsites in an attempt to find names, addresses, etc. of offenders. Information collected by Public Works staff is then provided to the Code Enforcement division of the Community Development department, who issues the appropriate citation(s) as warranted to offenders.
All TMA's	Improved Trash Bin/Container Management: The City of San Bruno has long required that every residential and commercial building address subscribe to regular garbage collection service, to reduce the possibility of litter arising from lack of trash collection. The City has worked and will continue to work with Recology (San Bruno's trash collection provider) to identify businesses that do not subscribe to trash collection services by comparing Recology's list of subscribers with San Bruno's business license list. This becomes especially important in the downtown corridor along San Mateo Avenue, where some businesses try to use the public trash cans to dispose of their trash, instead of subscribing to their own service. Implementing this monitoring program has reduced trash levels in the public trash cans along San Mateo Avenue, making them less likely to spill over the litter.
All TMA's	Public Education and Outreach Programs: Refer to section C.7 for Information on the City of San Bruno's Public Outreach Programs and Events during 2018-2019.

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.

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Permittee Name: City of San Bruno

C.10 – Trash Load Reduction

- **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: No OVTAs were conducted in TMA #9 in FY 18-19 because limited street length is available in this TMA for assessments.

TMA ID <i>or (as applicable) Control Measure Area</i>	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	1.35	0.40	30%	7.0	0.6%
2	0.96	0.75	78%	6.0	2.5%
3	10.78	1.03	10%	6.6	3.7%
4	1.83	0.20	11%	7.0	2.6%
5	3.40	0.87	26%	7.0	23.4%
6	0.33	0.22	65%	7.0	0.2%
7	1.33	0.41	31%	6.5	1.4%
8	0.70	0.19	27%	7.0	0.0%
9	0.03	0.00	0%	0.0	0.0%
Total		4.07	-	-	34.4%

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.

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
<p>Single Use Bag Ordinance</p>	<p>In January 2013, the City Council added Chapter 10.25 (Reusable Bag Ordinance to Regulate the Distribution of Single-use Carryout Bags by Retail Establishments) to Title 10 (Municipal Services) of the San Bruno Municipal Code. The ordinance restricts the use of single-use carry-out bags by retailers, including grocery stores, convenience stores, pharmacies and other shops. It does not apply to single-use carry-out bags used for restaurant food take-outs or for produce, meats, bulk foods and prescription medicines. The County of San Mateo Bag Ordinance was adopted by reference and became effective on April 22, 2013.</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County.</p> <p>Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p>	<p>The City of San Bruno developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 95% of single use plastic bags distributed in the City of San Bruno are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. <p>This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4, of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances. Results of assessments conducted by the County of San Mateo on behalf of all municipalities in San Mateo County indicate that the City's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted.</p>	<p>7%</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.				
			Assuming single use bags are 8% of the trash observed in stormwater discharges, the City of San Bruno 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.	
Expanded Polystyrene Food Service Ware Ordinance	In January 2009, the City Council added Chapter 10.21 (Sustainable Food Packaging) to Title 10 (Municipal Services) of the San Bruno Municipal Code. The ordinance prohibits food vendors (i.e., any establishment located or providing food within the City) from dispensing prepared food to customers in disposable food service ware made from polystyrene (foam and solid) and requires disposable food service ware to be biodegradable, compostable, reusable or recyclable. Lids, plates, bowls, cups, utensils and straws made of polystyrene are also governed by the ordinance. The ordinance provides for exemptions due to	Although the City of San Bruno has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's	The City Of San Bruno developed its % trash reduced estimate using the following assumptions: 1) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 80% of EPS food ware distributed by food vendors or sold via stores in the City of San Bruno is affected by the implementation of the ordinance; and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the City of Palo Alto and City of Los Altos. Results of assessments that are representative of the City of San Bruno, 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 result—an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS foodware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City of San Bruno concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.	5%

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>extreme hardships, but no exemptions have been applied for to date. The Sustainable Food Packaging Ordinance became effective on April 1, 2010.</p>	<p>ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos and Palo Alto.</p>		
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C.10.b.v ▶ Trash Reduction – Receiving Water Monitoring

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

In FY 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 San Bruno. 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
SBO01	N	6/11/2018	0.05	0.01	0.01	0.2	0.2

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. The City's revised baseline trash generation map was included as Appendix 10-2 in the FY 15-16 Annual Report.	All Applicable

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)	<ul style="list-style-type: none"> El Zanjon creek flows thru City Park and is referenced as the City of San Bruno Trash Hot Spot (SB001). City of San Bruno Park Division staff removed trash from El Zanjon creek area every day of the year, excluding holidays (i.e., 356 days). Based on information provided by Park staff, 7 gallons of trash is removed from the creek on average per day. Based on this information, 2,408 gallons (i.e., 344 x 7) of trash was removed from the creek in FY 18-19 via these cleanups. Eastside of San Antonio Rd. (San Felipe to Santa Helena) the storm drains from this area go under Cal Train/Bart into the wetland area and small unnamed creeks that flow to San Bruno Creek, which begins at Huntington and Cupid. Trash was removed from this wetland/creek area during "operation clean sweep" and totaled 120 gallons. Additional cleanup targeting this area occurred during March 2019 for a total of 450 gallons. A total of 570 gallons was therefore removed from this area in FY 18-19. 	14.7 CYs	3.5%
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

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	5	30	0	35	33	0	2	0	35	10.4%	34	0	0	0	35	0.6%	11.0%
2	0	108	7	0	115	93	17	5	0	115	8.7%	106	9	0	0	115	2.5%	11.2%
3	0	258	31	0	289	129	152	8	0	289	17.6%	216	50	23	0	289	3.7%	21.3%
4	0	20	10	0	30	0	20	10	0	30	0%	4	24	2	0	30	2.6%	2.7%
5	2	280	13	0	295	39	243	13	0	295	3.3%	271	23	1	0	295	23.4%	26.7%
6	0	9	0	0	9	0	9	0	0	9	0%	2	7	0	0	9	0.2%	0.2%
7	0	23	0	0	23	0	23	0	0	23	0%	16	7	0	0	23	1.4%	1.4%
8	0	67	0	0	67	0	67	0	0	67	0%	25	32	10	0	67	0.0%	0.0%
9	2,056	0	0	0	2,056	2,056	0	0	0	2,056	NA	2,056	0	0	0	2,056	NA	NA
Totals	2,058	770	91	0	2,919	2,171	660	88	0	2,919	39.9%	2,731	152	36	0	2,919	34.4%	74.3%

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.

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, as part of reporting for C.11.b.iii(2), an estimate of the amount of mercury 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.

C.11.e ► Implement a Risk Reduction Program

A summary of 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 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

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

The Building Safety Department implemented a PCB collection and compilation program in accordance to the countywide and BASMAA , MRP program for the collection and compilation of data associated with demolition permits for applicable structures with materials containing PCBs:

Reference the Countywide Program's FY 2018-19 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

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

See the 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?	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

The Building Safety Division implemented additional permit issuance requirements and documentation associated with demolition projects in accordance to the Countywide proposed program for collection, compilation and management of data to assist BASMAA in its efforts to reduce loadings of PCBs to stormwater runoffs. No demolition permits have been issued to date that require requisite documentation.

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:

As there is almost a zero sum of known copper architectural features, including copper roofs in this jurisdiction any new projects proposing the use of copper will be flagged during plan review and maintenance and mitigation measures applied as conditions of approval in accordance to Regional Water Board guidelines.

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:

Enforcement activities related to these copper containing discharges are through the City's IDDE program. Review of C.5 illicit discharges reported showed there were no discharges from these sources.

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:

There were no violations related to copper issued to industrial facilities this FY. During routine inspections of commercial facilities, inspectors will distribute appropriate BMPs as needed.

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:

Below are implementation program summaries by category:

1. Promote conservation programs:
 - Lawn-Be-Gone changing grass into drought resistant plants.
 - Large Landscape Audit
 - High Efficiency Toilet Rebate
 - High Efficiency Washing Machine Rebate
 - EarthCapades vaudeville act for the kids Kindergarten through 5th grade classes
2. Promote outreach message:
 - Outreach efforts by local water agencies and BAWSCA, including utility billing inserts

See Section C.9.e.ii of SMCWPPP's FY 18-19 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach, which promotes less toxic pest control, and landscape management. See Section C.7 of SMCWPPP's FY 18-19 Annual Report for a description of outreach conducted to promote water conservation programs, such as promoting rain barrel use. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website (www.flowstobay.org).