

City of Gester City

ESTERO MUNICIPAL IMPROVEMENT DISTRICT

610 FOSTER CITY BOULEVARD FOSTER CITY, CA 94404-2222

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 Foster City FY 2018/19 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by the City of Foster City 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 650-286-3279 regarding any questions or concerns.

Very truly yours,

annen

Duly Authorized Representative Norm Dorais, P.E. Director of Public Works/City Engineer

CITY OF FOSTER CITY 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:

Norm Dorais, P.E. Director of Public Works/City Engineer

9/26/19

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Section 1 – Permittee Information

Backg	round Informa	ation								
Permitte	e Name:	City of Foster	y of Foster City							
Populat	ion:	34,151								
NPDES F	Permit No.:	CAS612008								
Order N	umber:	R2-2015-0049								
Reportir	ng Time Period (m	nonth/year):	July 2018	3 through Jur	ne 2019					
Name o	of the Responsible	e Authority:	: Norm Dorais Title: City/District Engineer & Dire of Public Works				City/District Engineer & Director of Public Works			
Mailing	Address:		610 Foste	er City Boule	vard					
City:	Foster City		Zip Code: 94404 County: San Mate				San Mateo County			
Telepho	ne Number:		(650) 286	(650) 286-3270 Fax Nu			umber: (650			(650) 345-4626
E-mail A	Address:		ndorais@	Pfostercity.or	g					
Manage	Name of the Designated Stormwater Vivian Ma Title: Associate Civil Engineer Management Program Contact (if different from above): Vivian Ma Title: Associate Civil Engineer			Engineer						
Departr	nent:		Public W	/orks						
Mailing Address: 610 Foster City Boulevard										
City:	Foster City		Zip Code: 94404 County: San Mateo County			San Mateo County				
Telepho	ne Number:		(650) 286	5-3270		Fax Numbe	er:			(650) 345-4626
E-mail A	E-mail Address: vma@fostercity.org									

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

City staff participated and attended in SMCWPPP's Municipal Maintenance Subcommittee. Refer to the C.2 Municipal Operations section of SMCWPPP's FY 2018/19 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

Υ	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:

City staff requires contractors to cover drain inlets with filter fabric and implement other SWPPP BMPs during construction. Dust and debris control are maintained through both mechanical and manual methods. Concrete asphalt and slurry are required to be collected with wet/dry vacuum. Spoils and slurry are properly disposed preventing it from reaching the storm drain.

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.

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:

Υ

On May 7, 2018, City of Foster City/Estero Municipal Improvement District (EMID) adopted Ordinance No. 136. Chapter 8.59.030(b) of the EMID code prohibits the use of a hose without a positive shutoff nozzle for washing cars, buses, boats, aircraft, trailers or other vehicles or mobile equipment, watering outside plants, lawn, landscape and turf area. Chapter 8.59.030 (c) prohibits the use of potable water for hosing of sidewalks, driveways and other hardscapes. Exceptions to the prohibitions may be granted where necessary to address an immediate health and safety need, or to comply with a state or federal agency requirement.

expla more	e a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an anation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not emented and the corrective actions taken.
Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
γ	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Υ	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Y	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

and properly disposed. If the graffiti is on or under bridge structures, the surface is repainted with standard paint. All workers are trained in proper

safety and disposal of chemicals and/or paint. Contract specifications requiring proper testing and disposal methods for wastes generated from construction are included in bridge rehabilitation projects.

	e. Rural Public Works Construction and Maintenance					
Does	s your municipality own/maintain rural ¹ roads:		Yes	Х	No	
lf you	ur answer is No then skip to C.2.f .					
expla more	e a Y in the boxes next to activities where applicable BMPs were impleme anation in the comments section below. Place an N in the boxes next to a of these activities during the reporting fiscal year, then in the comments emented and the corrective actions taken.	ctivitie	s where applie	cable	BMPs were not implemented for one or	
NA	Control of road-related erosion and sediment transport from road design	n, cons	truction, main	tenar	nce, and repairs in rural areas	
NA	Identification and prioritization of rural road maintenance based on soil	erosior	n potential, slo	pe ste	eepness, and stream habitat resources	
NA	No impact to creek functions including migratory fish passage during co	onstruc	ion of roads a	nd cı	ulverts	
NA	Inspection of rural roads for structural integrity and prevention of impact	on wa	ter quality			
NA	Maintenance of rural roads adjacent to streams and riparian habitat to erosion	reduce	e erosion, repla	ace d	lamaging shotgun culverts and excessive	
NA	A Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate					
NA	IA 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					
Com None	ments 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 \	ard BMP Implementation							
Place an X in the boxes below that apply to your corporations yard(s):									
	We do not have a corporation yard								
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit								
Х	X We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)								
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:									
Х	X Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment								
x	x Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system								
Х	Containment of all v	ehicle and equipment wash are	eas through p	lumbing to sanitary or another collec	tion method				
х				corporation yard(s) or collection of a ace or groundwater when wet clean					
Х	Cover and/or berm	outdoor storage areas containir	ng waste poll	utants					
Comments: All potential waste pollutant materials are stored indoor in the chemical storage room. As a standard practice, Foster City staff performs formal inspections of the Corporation Yard every year in September prior to the start of the "wet season." 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									
atta	ich a summary includi	ng the following information:	[l	Date and Description of				
Cor	poration Yard Name	Corp Yard Activities w/ site- Inspection Follow-up and							
	D Corporation Yard of Foster City	General housekeeping; Vehicle/equipment washing; Vehicle/equipment maintenance & repair; Fuel dispensing;	9/5/18	In Compliance	None				

² Minimum inspection frequency is once a year during September.

Outdoor material storage; Outdoor waste / recycling storage;	
Municipal vehicle / heavy equipment parking, and employee parking.	

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

C.3.b.iv.(2) ► Regulated Projects Reporting

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

See Table C.3.b.iv.(2)

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.?	Yes	х	No
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)?	Yes	x	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.	Yes	х	No
 If you answered "Yes" to either question, 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. N/A 			

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

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

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

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting	
Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY 17-18)	12
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)	14
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)	3
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19)	25% 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:

In general, the Stormwater Treatment Systems appear to be functioning as designed. Based on observation of performance following heavy storm events of the 2018/19 rainy season, the facilities adequately collected the rainwater falling on the surrounding areas and allowed the stormwater into the ground without reaching the stormwater overflow. The native and drought tolerant vegetation planted in the bioretention facilities are continuing to grow well and appear to be establishing a strong root system.

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:

For FY 18/19, three of the 12 sites were inspected. City staff was able to work with the individual maintenance companies to address any deficiencies found during the O&M verification inspections in a timely manner.

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.

C.3.j.i.(5).(b) ► Green Infrastructure Plan			
(For FY 2018-19 Annual Report only) Did your agency complete a Green Infrastructure Plan? The Green Infrastructure Plan can be found at: https://fostercity- my.sharepoint.com/:b:/g/personal/vma_fostercity_org/Ead5NbixMXFGtZ_TJLjWUU8BfvpGiSaC7OA8nHOzxfjygA?e =V3WeT4	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.

As part of the GI Plan development process, the City of Foster City has reviewed its existing policies, ordinances, and/or other legal mechanisms related to the implementation of stormwater NPDES permit requirements and found that it has sufficient legal authority to implement the GI Plan. Although the existing codes provide adequate legal authority, the City has taken a step further to introduce a new chapter in the municipal code to underscore its role in monitoring and controlling stormwater runoff, and to provide comprehensive standards for regulating stormwater discharges. Adoption of the GI Plan by the City of Foster City has further strengthened this authority. Descriptions of and links to documents demonstrating legal authority are provided below (provide link).

https://fostercityca.civicclerk.com/Web/Player.aspx?id=786&key=-1&mod=-1&mk=-1&nov=0

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:

-Staff participated and attended New Development Subcommittee and GI TAC meetings.

-Staff attended the annual C.3 Workshop on 6/18/19, which covered the topic on Green Infrastructure Guidance and Stormwater Controls for Regulated Projects.

-Green Infrastructure topic was discussed in interdepartmental meetings.

-The GI Plan, stormwater ordinance, and General Plan amendments were brought to the Planning Commission on July 18, 2019 and City Council on August 19, 2019.

-An ArcGIS Green Infrastructure map was developed and made available on the City's website.

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

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

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

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

Background Information:

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

On an annual basis, all City Capital Improvement Program (CIP) projects are reviewed to determine if GI elements can be incorporated. Also refer to BASMAA guidance on identifying and reviewing potential green infrastructure projects.

Summary of Planning or Implementation Status of Identified Projects:

-See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B.

-Upon evaluation of the City's CIP projects, two of the projects are identified to have GI potential at this time, but they will likely be Regulated projects. The rest of the projects are identified as "no potential" (non-stormwater utility projects) or "maintenance" type of projects, while a few are identified as "too early to assess" or "too late to change."

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

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

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

Please refer to SMCWPPP FY 2018/19 Annual Report for: 1) a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects; and 2) a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

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

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

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

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

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	- ·		•							•	•
Waverly Cove*	Triton Dr (btwn. Triton Dr. & E. Hillsdale Blvd.)	SummerHill Homes	NA	Redevelopment – Multi-Family Residential	Foster City Lagoon	1.46	1.19	33,288	947	10,587	43,875
Public Projects			•			•		L		_	<u>.</u>
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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.

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 ^{20/2}
Private Projects										
Waverly Cove*	2014	2/19/15	 "No Dumping Flows to Bay" storm drain inlets Plumb interior floor drains to sanitary sewer Retain existing vegetation as practicable; Select diverse plant species appropriate for the site; Minimize the use of pesticides and quick-release fertilizers Use efficient irrigation system Design for discharge of fire sprinkler test water to landscape or sanitary sewer Drain condensate of A/C units to landscape or sanitary sewer; Roof drain from equipment drain to 	 Direct roof runoff onto vegetated areas Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas Direct runoff from driveways and/or uncovered parking lots onto vegetated areas Construct sidewalks, walkways and/or patios with pervious or permeable surfaces Limit disturbance of natural water bodies and 	Bioretention area	O&M agreement with private landowner	2.c	None	None	Project is not in a HM controlled area

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) -

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.).

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.

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.

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

	ved During the	• •	Table (part 2) – Reporting Period							
Project Name Project No.	Application Deemed Complete Date ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹² landscape area where practicable	Site Design Measures ¹³ ; drainage systems;	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}
			Drain boiler drain lines, roof top equipment, all wash water to sanitary sewer	Minimize compaction of highly permeable soils; protect slopes & channels; Minimize impacts from stormwater & urban runoff on the biological integrity of natural drainage systems and water bodies •Self-retaining area •Plant or preserve interceptor trees						

*The Waverly Cove had its discretionary review as part of another development project, The Triton (formerly "The Waverly") back in 2014 – 2015 (refer to FY 2014-2015 Annual Report). Subsequently, The Waverly Cove was separated from The Triton. The Triton was completed in July 2018, and The Waverly Cove received its grading permit in October 2018 to begin construction.

		ated Projects Report During the Fiscal Yea								
(public p	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 Proj	ects			1					1	
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Comment None	S:	·		·	•	•			·	

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).

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

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.

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.

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), biodetention 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.

Name of Facility	Address of Facility	Party Responsible ³⁴ For Maintenance	Type of Treatment/HM Control(s)
The Triton (formerly "The Waverly")	55 Triton Park Lane	Areof VI US Pilgrim-Triton	Flow-Through Planter; Vegetated Buffer Strip; Permeable Pavers, Turf Block
BioMed/Illumina	200 Lincoln Centre Drive	BMR-Lincoln Centre LP	Bioretention area

 ³³ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
 ³⁴State 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											
Project Name & No.	Permitte e	Address	Applicatio n Submittal Date ³⁵	Status ³⁶	Description 37	Site Total Acreag e	Gross Density DU/Acr e	Densit y FAR	Special Project Category 38	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwat er Treatment Systems ⁴⁰	List of Non- LID Stormwate r Treatment Systems ⁴¹
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NĂ

Special Projects Narrative NA

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.

C.3 - New Development and Redevelopment

C.3.j.ii.(2) ► Table A - Pu Infrastructure	ublic Projects Reviewed for	r Green		
Project Name and Location ⁴²	Project Description	Status ⁴³	GI Included? ⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁵
None	NA	NA	NA	Upon evaluation of the City's CIP projects, two of the projects are identified to have GI potential at this time, but they will likely be Regulated projects. The rest of the projects are identified as "no potential" (non- stormwater utility projects) or "maintenance" type of projects, while a few are identified as "too early to assess" or "too late to change."

C.3.j.ii.(2) ► Table B - Pla Infrastructure Projects	anned and/or Completed	Green	
Project Name and Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
None	NA	NA	NA

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.

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 updated its business inspection facilities list, inspection frequencies and priorities.

The City conducted inspections scheduled for FY 2018-19 facilities list.

City staff participated and attended in the SMCWPPP CII Subcommittee.

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.

Attachment 1 (FY 18-19 Potential Facilities List)

C.4	l.d.ii	i.(2)(a) & (c) ► Facility Inspections							
Fill o	out th	ne following table or attach a summary of the following information. Indicate your reporting methodology below.							
	Х	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						
Tota	al nur	mber of inspections conducted (C.4.d.iii.(2)(a))	47						
		ns, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	4						
Con	nme	nts:							
Non	ne								

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/Warning Notice	4
Level 2	Notice of Violation	0
Level 3	Administrative Order	0
Level 4	Administrative Penalty/Legal Action	0
Total		4

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

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

Business Category ²	Number of Actual Discharges	Number of Potential Discharges
Food facilities	0	4
Other facilities	0	0

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.

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

²List your Program's standard business categories.

Percent of		
s in Artendance	Inspectors in	Percent of IDDE Inspectors in Attendance
100%	1	100%
100%	1	100%
		100% 1 kes advantage of trainings available

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

Program Hig	ghlight	s and I	Evalı	uation	
	-		-		

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

City staff participated and attended in the SMCWPPP CII Subcommittee meeting.

Foster City receives support from inspectors in the City of San Mateo. As a joint owner of the Wastewater Treatment Plant, Foster City jointly pays for the San Mateo provided inspectors as part of the Fats, Oils and Grease (FOG) Program.

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

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

Summary of any changes made during FY 18-19.

No Change.

C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)		
	Number	
Discharges reported (C.5.d.iii.(1))	3	
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))	3	

Comments:

For stormwater illicit discharge tracking, we do not include bulky items removal from the lagoon because they are handled through the solid waste program.

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

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

The City of Foster 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 updated but there have been no changes to the BMPs since the 2017 Annual Report.

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

Stormwater inspectors are instructed to report to their supervisors any illicit discharge found from mobile businesses, and the issue would be handled in accordance to the City's Enforcement Response Plan.

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):

Mobile Businesses BMP brochures are made available at City Hall and City events as outreach and educational materials.

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

(e) Discuss inspections conducted at mobile businesses and/or job sites (C.5.e.iii.(2)(e)

Mobile food trucks are limited to a specific area in Foster City (weekly from April through October). The City's Parks Department sweeps following each food truck event. Should the area need additional cleaning, power washing is done with all wash water collected and disposed of in the sanitary sewer, preventing any grease or debris from entering the storm drain system. All other food trucks contracted by businesses are required to obtain a City permit which would require clean-up following the event.

(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, since there were no complaints or identified illicit discharges, there was no enforcement action 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.

Foster City's website provides a link to the Oakland Museum Creek Mapping Project website. In addition, the SMCWPPP website also has a link to the Oakland Museum maps.

https://www.fostercity.org/publicworks/page/streets

https://www.flowstobay.org/stormwater101#watershed

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c),	(d) ► Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii. 3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii. 3.d)	
0	0	5	34	
Comments: 700 Foster City Blvd. – Foster Square – 7 inspections 162 Atlantis Ln. – Waverly Cove – 7 inspections (construction started in November 2018) 357 Lakeside Drive – Gilead NB 357 – 7 inspections 324 Lakeside Drive – Gilead NB 324 & PG 324 – 10 inspections 1050 Shell Blvd. – Charter Square – 3 inspections (construction started in March 2019)				
Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable.				
Does not Apply	Does not Apply			

C.6.e.iii.(Actions	3)(e) ► Construction Related Storm Water Enforcement	
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning	13
Level 2	Written Warning/Notice of Violation	0
Level 3	Notice to Comply	0
Level 4	Legal Action	0
Total		13

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)		1

C.6	.e.ii	i.(3)(g) ► Corrective Actions	
Indi	cate	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
		nent actions or discrete potential and actual discharges fully corrected within 10 business days after as are discovered or otherwise considered corrected in a timely period (C.6.e.iii3.g)	13
Con	nme	nts:	
Non	ie		

¹Agencies should list the specific enforcement actions as defined in their ERPs. ²For example, Enforcement Level 1 may be Verbal Warning.

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

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

Description:

For all the sites, there were a total of 13 verbal warnings given for Sediment Control Measures and Site Management. All 13 verbal warnings were corrected within 10 business days and did not require escalated enforcement.

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

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

Description:

In FY 18-19, staff conducted inspections with the stormwater construction inspection forms updated on August 9, 2017 and inspection data tracking spreadsheet. Staff also participated and attended in the New Development Subcommittee meetings. The City has established a procedure to provide to permit applicants the updated BMP plan sheet. The City also provided training opportunities to inspectors/staff. In FY 19-20, staff will continue to conduct inspections with the stormwater construction inspection forms updated on August 9, 2017.

Refer to the C.6 Construction Site Control section of the SMCWPPP's FY 2018/19 Annual Report for a description of activities at the Program or regional level.

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
Construction Site Stormwater Inspections	03/11/19	 (i) Construction Site Regulations and BMPs; (ii) Inlet Protection; (iii)Sediment and Erosion Control. 	1
CALBIG – 2018 Stormwater Requirements for Construction and Demolition Sites	10/10/18	 (i) Review of Stormwater Requirements for Construction Sites; (ii) Documenting and Tracking Inspections (iii) When to Take Enforcement Actions and When to Escalate Enforcement; (iv) Tips for Keeping Your Stormwater Program in Compliance; (v) Mandatory/Updated SMCWPPP Guidelines/Resources 	3
Certified Stormwater Inspector Training (i) C (ii) f (iii) (iv) (v) (v) (vi) (vi) (vii) (vii) (vii) (vii) (vii)		 (i) Clean Water Act (ii) Municipal MS4 Requirements (iii) California Construction Permit (iv) Hydrology (v) Inspecting Construction (vi) Industrial/Commercial Compliance (vii) Pollution Prevention & Good Housekeeping (viii) Illicit Discharge (ix) Post Construction (x) Public Outreach/Participation 	1

C.6.f.iii Staff Training Summary

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

C.7.b.i.1 ► Outreach Campaign

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

Summary:

See Section 7 and Section 9 of the SMCWPPP FY 2018/19 Annual Report for a description of outreach campaign activities conducted at the countywide level.

C.7.c. Stormwater Pollution Prevention Education

No Change.

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

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

See Section 7 of the SMCWPPP FY 2018/19 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
E-Waste Recycling Event. The event was held at City Hall, Foster City, September 8, 2018	E-waste event hosted by City of Foster City, with disposal provided by Recology.	-CRT's: 19 units weighing 1,385 lbs. -Flat Screens: 48 units weighing 662 lbs. -CPU's: 623 lbs. -Laptops: 84 lbs. -Misc. e-waste: 4,419 lbs. -Fluorescent Tubes: 120 total feet of tubes -Flat LCD TV: 2 units weighing 103 lbs.
E-Waste Recycling Event. The event was held at City Hall, Foster City, May 18, 2019	E-waste event hosted by City of Foster City, with disposal provided by Recology.	 -CRT's: 8 units weighing 555 lbs. -Flat Screens: 28 units weighing 262 lbs. -CPU's: 899 lbs. -Laptops: 170 lbs. -Misc. e-waste: 6,188 lbs. -Fluorescent Tubes: 584 total feet of tubes -Light Bulbs (CFL's and incandescents): 320 units -Batteries: 110 lbs. -Flat LCD TV: 15 units weighing 566 lbs.

C.7 – Public Information and Outreach

C.7.e. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

See Section 7 of the SMCWPPP FY 2018/19 Annual Report for a description of watershed stewardship collaborative efforts conducted at the countywide level.

C.7.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.

Use the following table for reporting school-age children outreach efforts.

See Section 7 of the SMCWPPP FY 2018/19 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

	Students/Teachers	
Focus & Short Description	reached	Evaluation of Effectiveness
School assemblies that teach water	Foster City	End of program evaluation surveys with
science and conservation to students,	Elementary	teachers providing feedback to the program.
including local water source and watershed education and specific	5th (125 students)	
	Peninsula Jewish	
service area.	Elementary	
	TK-5th (200 students)	
	Ronald C. Wornick	
	-	
	students)	
	Audubon Elementary	
	1st-5th (720 students)	
	science and conservation to students, including local water source and	Focus & Short DescriptionreachedSchool assemblies that teach water science and conservation to students, including local water source and watershed education and specific

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 S	Standard Opera	iting Procedur	es?	х	Yes		No			
If no, explain:				•••••••						
Report implementation of IPM BMPs by showing trends in quanti <u>pesticides</u> that threaten water quality, specifically organophosp separate report can be attached as evidence of your impleme	hates, pyrethro									
Trends in Quantities and Types of Pesticide Active Ingredients Us	ed ¹									
Pesticide Category and Specific Pesticide Active Ingredient	Amount ²									
Used	FY 15-16	FY 16-17	FY 17-18	FY 18-	19 F\	(19-20	FY 20-21			
Organophosphates	0	0	0	0						
Active Ingredient Chlorpyrifos		0	0	0						
Active Ingredient Diazinon		0	0	0						
Active Ingredient Malathion		0	0	0						
Pyrethroids (see footnote #2 for list of active ingredients)	0	0	0	0						
Active Ingredient Type X		0	0	0						
Active Ingredient Type Y		0	0	0						
Carbamates	0	0	0	0						
Active Ingredient Carbaryl		0	0	0						
Active Ingredient Aldicarb 0 0 0										
Fipronil	0	0	0	0						
	Amount									

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

²Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Pesticide Category and Specific Pesticide Active Ingredient Used	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Indoxacarb	Reporting not required in FY 15-16	8.46 grams	6.55 grams	2.75 grams		
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 qua N/A						
IPM Tactics and Strategies Used: <u>PM Tactics used for Ground Squirrel abatement</u> : a) Several attempts were used, such as burying holes with or b) Burrow Fumigation and Bait Stations were used, instead or c) Bait-stations were capped off before any potential rainfar d) Bait-stations are securely mounted and tied down. Clark's Pest Control: e) Use of baits and traps instead of broadcast pesticides f) Preventive actions such as sealing holes and gaps in structure IPM Tactics and Strategies used for Weed Control: Use of non-chemical strategies such as: g) Monitoring h) h) Mechanical Mowing and/or Line-trimming of weeds i) Hand-pulling weeds j) Mulching	of broadcast pe all to prevent ar	esticides. ny contaminat				

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.	g 16
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within t reporting year.	^{iis} 16
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM stand operating procedures within this reporting year.	ard 100%
 Type of Training: The City's Parks Dept has 5 staff employees (+1 part time) that are QAC certified. All QAC's attend minimum 1-2 additional IPM classes through-out the year. (PAPA, CAPCA, ISA/Arboriculture Seminars, etc.) Among Parks Staff are also 2 Master Gardeners and 2 Arborists, who also attends various IPM Trainings through-out the year. Various Tail-gate meetings through-out the year, that doesn't get formerly recorded, but just is a matter of practice. San Mateo County Landscape IPM workshop held on 04/16/19 Pesticide Safety Trainings held on 12/6/18 & 04/29/19 	

	Require Contractors to Implement IPM municipality contract with any pesticide service provider in the reporting year, for either			
landsca	ping or structural pest control?	Х	Yes	No
lf yes, di used?	d your municipality evaluate the contractor's list of pesticides and amounts of active ingredients	х	Yes	No,
2	nunicipality contracted with any pesticide service provider, briefly describe how contractor complians monitored	ince w	ith IPM Policy.	/Ordinance and
	of Foster City's IPM Policy and contract specifications require that contractors follow IPM technique nis is routinely conveyed to the contractor via on-site meetings, phone calls, and/or emails.	s, and	use pesticide	s only as a last
	of Foster City's Landscape Maintenance Contractor has attended the Countywide IPM Training Annuct staff members present.	iually f	or the past se	veral years, with 2
Contrac	tors are required to obtain City of Foster City staff's approval before applying pesticides.			
City of F	oster City staff conducts field visits to confirm the use of IPM methods, such as monitoring for pests a	nd use	of alternative	e methods.
1.	The City contracts with Clark Pest Control for in-and outside building pesticide treatments. Our cont	act is:		
	Aaron Laurant			
	Clark Pest Control			
	Office (650) 596-1270			
	alaurant@clarkpest.com			
	Clark Pest Control is "Green Pro" and "Quality Pro" Certified			
	City of Foster City contracted with ADM Animal Damage Management for Ground Squirrel abateme by staff via field visits on-site as well as phone calls. Our contact with ADM is:	ent. Thi	s process was	closely monitore
	Steve Aguilar, Area Manager			
	ADM – Animal Damage Management			
	Office: (800) 292-9845			
	The City of Foster City Contracted with Loral Landscaping for Herbicide Applications of Medians, Cu Howard Wheeler	ıl-de-sa	acs and Leve	e
	Loral Landscaping, Inc.			
	Office (650) 340-6940			
	Staff has routine communication with contractors, (Structural as well as Landscape contractor), revi s, evaluates alternative measures, to ensure only approved pesticides are used, and only when nee		t of pesticides	and control

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,	x	Yes		No
 If yes, summarize the communication. If no, explain. See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a summary of the Countywide Program's coordination with the Sa Commissioner. The County Ag Commissioner performs Head-Quarter's inspection annually, and answers any questions that might come up due 3. Also, Park Staff attends several meetings through-out the year, where the County Ag Commissioner staff presents Laws and Reginformation. County Ag representative was present for application of herbicide 	ing t	hat inspectio	on.	
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.		Yes	х	No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-u any violations. A separate report can be attached as your summary. N/A	p a	ctions take	n to	correct

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

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

Summary:

See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a description of point of purchase public outreach efforts conducted at the countywide level and regionally.

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

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

Summary:

See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a summary of outreach to residents who hire pest control and landscape professionals.

C.9.e.ii.(3) ▶ Public Outreach: Pest Control Operators

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

Summary:

See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a summary of the Countywide Program's outreach to pest control operators and landscapers to reduce pesticide use.

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

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

Summary:

During FY 2018/19, we participated in regulatory processes related to pesticides through contributions to the Countywide Program, BASMAA and CASQA. For additional information, see the regional report submitted by BASMAA on behalf of all MRP Permittees.

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

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

Summary:

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

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

Section 10 - Provision C.10 Trash Load Reduction

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

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	38.8%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	53.2%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	*
SubTotal for Above Actions	92.0%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%
Total (Jurisdictional-wide) % Trash Load Reduction through FY 2018-19	92.0%

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

The City attained and reported 85.0% 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, which 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 92.0% (including trash offsets). The most recent version of the City's Baseline Trash Generation Map can be downloaded at URL here: http://www.flowstobay.org/content/municipal-trash-generation-maps.

*The City has adopted and continues to implement both single use plastic bag and expanded polystyrene food service ware ordinances. For the purposes of this year's annual reporting, however, the City has opted not to count the associated reductions toward its 80% mandatory trash load reduction requirement. Not taking the credit in FY 18-19 does not preclude the City from taking the credit in future years.

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:									
 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. 									
 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									
Hydrodynamic Separator (Public)	1	24.6							
Installed Prior to FY 18-19									
Storm Flo Screen (Public)	1	163.2							
Total for all Systems Installed To-date	2	187.8							
Treatment Acreage Required by Permi	it (Population-based Permittees)	20							
Total # of Systems Required by Permit (No	n-population-based Permittees)	N/A							

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

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 18-19 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 18-19 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

ТМА	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	22.5%	2	<10%	• Currently, the City has a customized application of a Roscoe Moss Device. The device was constructed with the same materials used in their standard system only it was installed in a vertical instead of horizontal direction. The device is visually checked for
2	16.3%			trash accumulation weekly. The device was installed late in FY13/14 and weekly inspections indicate that the device in working correctly. This device treats 163 acres to the minimum of 5 mm level.
3	0.0%			 Maintenance of the Roscoe Moss full trash capture device includes weekly visual inspection and removal of any floating debris as needed.
4	0.0%			 A Kristar Trash Collector DVS unit was installed in FY18/19 at TMA 1. It is being maintained regularly to avoid performance issues. Maintenance crews continue to visually inspect all catch basins located in public right-of-way and remove debris as needed.
5	0.0%			•Two special items to note. 1) The storm drain system in Foster City is entirely submerged. Any plastic bottles or floating trash that enters through a storm inlet remains trapped in the storm inlet. The pipe is connected below the waterline. 2) It should also be noted
Total	38.8%			that unlike traditional stormwater catch basins, catch basins in Foster City should be more correctly identified as detention basins. Each catch basin has a 12" sump. The benefit of the "sump" is that any material that enters the catch basin that doesn't float sinks to the sump area and is not conveyed into the stormwater pipes.

Certification Statement: The City of Foster City 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.

	• Trash Reduction – Other Trash Management Actions (PART A) mmary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each
	ng 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
1-5	Street Sweeping – Weekly street sweeping of commercial area
1-5	Storm Drain Inlet Cleaning – Annual cleaning of storm drain inlets throughout the City
1-5	Smoking Ordinance – Initiated in 2014, and amended in August 2018. In 2014, the City Council undertook a comprehensive update of its Smoking Ordinance, which had been in place since 1994. The update, which was undertaken in three phases, greatly reduces the number of places that smoking is allowed within the City limits and impacts City controlled spaces and events, commercial/retail spaces, apartment housing and condominiums and townhomes.
	In August 2018, the City Council once again voted on amendments to extend the current smoking ban from enclosed areas of shopping centers to all areas within the City's shopping centers and instructed that the smoking ban also be extended to all restaurants, streets, and sidewalks in the City.
	https://www.fostercity.org/citymanager/page/smoking-ordinance-update

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 x Explanation : No OVTAs were conduct low trash generating.						e conducted in TMA #5 bec	ause the entire TMA is				
			S	Sum	nmary of On-land Visual As	sessments ³					
TMA ID or (as applicable) Control Measure Area	Total Street Miles ² Available for Assessment					Street Miles % of Available Street				Avg. # of Assessments Conducted at Each Site ^{4,5}	Jurisdictional-wide Reduction (%)
1	0.37	0.3	7		100.0%	7.0	9.0%				
2	0.08	0.0	8		100.0%	7.0	19.2%				
3	0.39	0.39	9		100.0%	6.5	22.9%				
4	0.57	0.40	0		69.4%	6.0	2.2%				
5*	0.00	NA	١		NA	NA	NA				
	Total	1.3	0		-	-	53.2%				

*Entire TMA is low trash generating.

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
Single Use Bag Ordinance	Reusable Bag Ordinance, adopted April 22, 2013. Ordinance #571 Retail establishments in Foster City have been prohibited from distributing free single use carryout bags. Single use paper bags with minimum recycled content or reusable bags may be sold for a minimum charge of \$0.10. The City Council adopted the County of San Mateo's ordinance (as have many jurisdictions in the County) and the County enforces the ordinance. The County has set up a website with tips for business owners and residents. All retail establishments, including, but not limited to grocery, clothing, convenience, pharmacy stores in San Mateo County are affected.	 On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single-use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities. Foster City developed its % trash reduced estimate using the following assumptions: 1.) Single-use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2.) 95% of the single-use plastic bags distributed in the City are affected by the implementation of the ordinance, based on the County of San Mateo's EIR; 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's Department of Environmental Health Services. 	Results of assessments that are representative of Foster City, but were conducted by the cities of Los Altos and Palo Alto, indicate that Foster 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 is no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, Foster City concludes that there has been a 5% (i.e., 6% x90%) reduction in trash in stormwater discharges as a result of the ordinance.	5% The City is not claiming the credit

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.

Expanded Polystyrene Food Service Ware Ordinance	Polystyrene ban for restaurants and food vendors, adopted October 17, 2011. Ordinance #567	Although Foster City has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with Foster 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 Foster City's ordinance because the implementation (including enforcement) of Foster City's ordinance is similar to the City of Los Altos' and Palo Alto's. Foster City 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 Foster City is affected by the implementation of the ordinance; and	Results of assessments that are representative of Foster City, but were conducted by the cities of Los Altos and Palo Alto, indicate that Foster 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 is no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, Foster City concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.	5% The City is not claiming the credit
		and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the		

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.

	environment, based on assessments conducted by the City of Palo Alto and City of Los Altos.	

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 Foster City. 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.

Track Lat Spot	New Site in FY	FY 18-19		Volume o	f Trash Removed	(cubic yards)	
Trash Hot Spot	18-19 (Y/N)	Cleanup Date(s)	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
FCY01	Ν	1/7/2019	<1.0	<1.0	<1.0	<1.0	0.02

Upon evaluation of the lagoon and bay shoreline, FCY01 was the only trash hot spot identified.

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. Revised maps that incorporate these revisions were included as Appendix 10-2 to the City's FY 2015-2016 Annual Report.	All Applicable
Furthermore, it should be noted that businesses in TMA 3B (Charter Square Shopping Center) had been closed since FY 2017-18 as the current site is being developed to be a new elementary school within the San Mateo-Foster City School District. The new school is anticipated to start in FY 2020-21.	

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)	N/A	N/A	N/A
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

ТМА		2009 Base	eline Trash (Acres)	Generation	I	Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems			Jurisdiction- wide Reduction via Full Capture Full Capture						Jurisdiction- wide Reduction via Other Control	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control		
	L	М	н	VH	Total	L	М	н	VH	Total	Systems (%)	L	М	н	VH	Total	Measures (%)	Measures (%)
1	0	37	0	0	37	24	13	0	0	37	22,5%	34	3	0	0	37	9.0%	31.5%
2	0	39	0	0	39	18	21	0	0	39	16.3%	39	0	0	0	39	19.2%	35.5%
3	0	26	0	0	26	0	26	0	0	26	0%	25	1	0	0	26	22.9%	22.9%
4	0	7	0	0	7	0	7	0	0	7	0%	4	2	1	0	7	2.2%	2.2%
5	2,151	0	0	0	2,151	2,151	0	0	0	2,151	NA	2,151	0	0	0	2,151	NA	NA
Totals	2,151	109	0	0	2,260	2193	67	0	0	2,260	38.8%	2,253	6	1	0	2,260	53.2%	92.0%

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 18-19.6

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

⁶ Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).

Section 11 - Provision C.11 Mercury Controls

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

See the Countywide Program's FY 2018/19 Annual Report for updated information on:

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

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

See the Countywide Program's FY 2018/19 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ► Implement a Risk Reduction Program

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

¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

Section 12 - Provision C.12 PCBs Controls

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

See the Countywide Program's FY 2018/19 Annual Report for:

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

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

See the Countywide Program's FY 2018/19 Annual Report for, as part of reporting for C.12.b.iii(2), an estimate of the amount of PCBs load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

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

C.12.f. ► Manage PCB-Containing Materials During Building Demolition			
On July 1, 2019, was your agency ready to implement a method for identifying applicable structures (buildings built or remodeled between 1950 and 1980, except that single family residential and wood-framed buildings are exempt) that apply for a demolition permit?	х	Yes	No
On July 1, 2019, was your agency ready to implement a method to manage PCBs during demolition of applicable structures? ²	х	Yes	No
Does your agency have a data-gathering method in place to inform reporting on the effectiveness of your agency's program to manage PCBs during demolition of applicable structures (e.g., the number of applicable structures, and the amount and concentration of PCBs in priority building materials in applicable structures)?	x	Yes	No

C.12.h ►Implement a Risk Reduction Program

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

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

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

Foster City's building permit applications are reviewed for the use of copper architectural features. The use of copper architectural features is only allowed if the copper is painted. This prevents the copper from entering the storm system.

Enforcement actions for noncompliance follow the City's Enforcement Response Plan. There were no enforcement actions for noncompliance copper architectural features BMPs during the FY 18-19 reporting period. Inspectors are instructed to look for exposed architectural copper. If exposed, the City requires the owner to paint the architectural copper to prevent it from entering the storm system. There was no instance of architectural copper was found in FY 18-19.

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:

In FY 18-19, Public Works staff did not receive any requests related to copper-containing discharges from pools, spas, or fountain water. Upon review of our Provision C.5 illicit discharge inspection data, we found no enforcement activities related to copper-containing discharges from pools, spas, and fountains.

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 industries identified as possible sources of copper inspected this FY as part of C.4.

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:

- On May 7, 2018, City of Foster City/Estero Municipal Improvement District (EMID) adopted Ordinance No. 136. Chapter 8.59.030(b) of the EMID code prohibits the use of a hose without a positive shutoff nozzle for washing cars, buses, boats, aircraft, trailers or other vehicles or mobile equipment, watering outside plants, lawn, landscape and turf area. Chapter 8.59.030 (c) prohibits the use of potable water for hosing of sidewalks, driveways and other hardscapes. Exceptions to the prohibitions may be granted where necessary to address an immediate health and safety need, or to comply with a state or federal agency requirement.
- Promote conservation programs Foster City adopted the Outdoor Landscape Efficiency Ordinance in January 2010. The City also
 promotes conservation programs including Irrigation controllers and synthetic turf rebate programs through water bill inserts and
 application materials in public places.
- Although the State has lifted mandatory reductions for water agencies, the City continues to encourage its customers to reduce outdoor landscape watering. Should the State modify its water reduction targets, the City will react accordingly.
- Promote outreach for less toxic pest control and landscape management The City uses IPM methods in its parks maintenance and all contracts for City landscape and building pest control contractors are required to use of IPM (refer to Section C.9).
- Promote use of drought tolerant and native vegetation The City participates in the "Lawn Be Gone" program and has Tiered water rates which results in reduced outside water use. Interested residents/HOAs can find detailed information of the program on our City website.
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. The City has a code enforcement person that will contact property owner for water wasting.

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

Attachment 1 BIP Potential Facilities List

ATTACHMENT 1

Potential Stormwater Industrial/Commercial Business Inspection List

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
1	5 JOY RESTAURANT	1489	BEACH PARK
2	99 RANCH MARKET #82 (Welcome Market Inc)	1070	FOSTER CITY BLVD
3	ABC SEAFOOD RESTAURANT	973	HILLSDALE
4	AKISU SUSHI BAR AND GRILL	1457	BEACH PARK BLVD
5	ARCO 06139 (Pacific Energy Supply Inc.)	880	E HILLSDALE
6	BAYSHORE AMBULANCE	370	НАТСН
7	BUDGET TRUCK RENTAL, LLC	1133	CHESS
8	BURI TARA THAI CUISINE	939	EDGEWATER
9	CAFE AT THE J	800	FOSTER CITY BLVD
10	CAFE SAVINI	950	TOWER
11	CALTRANS-WEST BAY REGION	380	FOSTER CITY
12	CARL'S JR #705 (TWM/VFR)	1140	TRITON
13	(R4S LLC)	969	EDGEWATER A
14	CHEVRON STATION # 9-2600 X	1101	HILLSDALE
15	CITY OF FC-LIFT STATION 1		PILGRIM
16	CITY OF FC-LIFT STATION 9		HILLSDALE
17	CITY OF FC-LIFT STATION 10		GULL
18	CITY OF FC-LIFT STATION 12		KILDEER
19	CITY OF FC-LIFT STATION 14		TURNSTONE

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
20	CITY OF FC-LIFT STATION 15		CHESS
21	CITY OF FC-LIFT STATION 16		BLUEFISH
22	CITY OF FC-LIFT STATION 18		ΡΟΜΡΑΝΟ
23	CITY OF FC-LIFT STATION 22		SHELL
24	CITY OF FC-LIFT STATION 28		VELOCITY
25	CITY OF FC-LIFT STATION 29	909	HILLSDALE BLVD
26	CITY OF FC-LIFT STATION 34		EDGEWATER
27	COOKING PAPA 2 LLC	949	EDGEWATER BLVD A
28	COSTCO WHOLESALE #147 X (WAREHOUSE DEMO SERVICES # 147)	1001	METRO CENTER
29	COURTYARD BY MARRIOTT (THE MARKET)	550	SHELL
30	CROWNE PLAZA	1221	CHESS
31	CVS/PHARMACY #9879	987	E. HILLSDALE BLVD
32	EL TORITO RESTAURANT	388	VINTAGE PARK
33	EUREST @ VISA	901	METRO CENTER
34	EUREST @ VISA	800	METRO CENTER BLVD
35	EUREST @ VISA	801	METRO CENTER BLVD A
36	EUREST @ VISA	900	METRO CENTRE
37	FASHION WOK RESTAURANT X X (Spices Management LLC)	929 A	EDGEWATER
38	FIVE GUYS BURGERS & FRIES	933	HILLSDALE
39	FOSTER CITY CORP YARD	100	LINCOLN CENTRE
40	FOSTER CITY TOUCHLESS CAR WASH	390	FOSTER CITY BLVD
41	GENERAL NUTRITION CENTER	969	EDGEWATER BLVD
42	GRAB N GO	101	LINCOLN CENTERE

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
43	GUCKENHEIMER Services #188.03	300	LAKESIDE DR
44	GUCKENHEIMER Services #188.01	333	LAKESIDE DR
45	IHOP #3063	531	FOSTER CITY
46	JAMBA JUICE #42 (MS Partners Inc.)	1000	METRO CENTER BLVD
47	KENT CLEANERS (K & C Dry Cleaners)	999	EDGEWATER
48	KENTA RAMEN	1495	BEACH PARK
49	KOBE JAPANESE CUISINE & BAR	929	EDGEWATER BLVD
50	LINKS AT MARINERS POINT (VB Golf LLC)	2401	3RD
51	LUCKY #710 (Save Mart Supermarket)	919	EDGEWATER BLVD
52	MARINERS POINT BAR LLC	2401	3RD
53	MCDONALDS RESTAURANT (McDonald/Valucci Restaurant)	1101	TRITON DR
54	METRO CLEANERS	923	HILLSDALE
55	MOD PIZZA (Mod Superfast Pizza)	1297	CHESS DR
56	MOO MOO YOGURT	969	EDGEWATER BLVD
57	NEW SAIGON RESTAURANT (Pho New Saigon)	1088	FOSTER CITY
58	NOAHS BAGELS	1000	METRO CENTER
59	Notable Labs	320	Hatch
60	OLIVE (Kido Inc)	969	EDGEWATER BLVD
61	ORCHARD SUPPLY HARDWARE #430	1010	METRO CENTER
62	PENELOPE COFFEE AND TEA	3	Plaza View Lane N
63	PLAZA GOURMET	929	EDGEWATER BLVD
64	QUICKLY (Quickly Fusion Cafes Inc)	969	EDGEWATER BLVD
65	RICKSHAW CORNER RESTAURANT	901	EDGEWATER BLVD

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
66	ROUND TABLE PIZZA	1084	FOSTER CITY
67	SAFEWAY 0999	921	HILLSDALE
68	SANDWICH MONKEY	3	PLAZA VIEW LA
69	SOON KOREAN BBQ	1062	FOSTER CITY BLVD
70	SPECIALTYS CAFE AND BAKERY	1031	E. HILLSDALE BLVD
71	STARBUCKS COFFEE #5934	1100	FOSTER Square Ln 130
72	STARBUCKS COFFEE #5225	1000	METRO CENTER BLVD E
73	SWEET BASIL THAI CUISINE (Otake Inc)	1473	BEACH PARK
74	TACO BELL #30788 (Golden Gate Bell, Inc)	1131	TRITON DR
75	TAI WU SEAFOOD RESTAURANT X X	1080	FOSTER CITY
76	THE HABIT BURGER GRILL	1297	CHESS DR
77	VALERO STORE #7044	501	FOSTER CITY
78	WAREHOUSE BUFFET (new business))	979	EDGEWATER
79	WATERFRONT PIZZA	969	EDGEWATER
80	Sweet Honey Market	1066	Foster City Blvd
81	Chola LLC	1100	Foster Square Ln 150
82	Wonderful	1000	Metro Center Blvd
83	Pan Kee Food	1459	Beach Park Blvd
84	Oh My Dog	1461	Beach Park Blvd
85	Foster City Laundromat	1471	Beach Park Blvd
86	Beach Park Cleaners	1477	Beach Park Blvd
87	Animal Cove Pet Hospital	1940	Beach Park Blvd
88	Falafel Tazah	1101	HILLSDALE

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
89	T Rock Inc (Happy Lemon)	780	Alma Ln 170
90	Illumina Inc	200	Lincoln Centre Dr.
91	Baskin Robbins	901	Edgewater Blvd D
92	Oceanic Foot Spa	939	Edgewater Blvd H
93	R4S LLC	969	Edgewater Blvd A
94	Foster City Launderland	999	Edgewater Blvd
95	Shichifuku Izakaya Inc	3	Plaza View Ln
96	Guckenheimer Service #103701	303	Velocity Way
97	Guckenheimer Service LLC @ G	309	Velocity Way
98	AVIS Rent a Car	1133	Chess Dr
99	The Hertz Corp	1221	Chess Dr
100	Tokyo Village	461	Chess Dr
101	Fedex office & Print Services	1297	Chess Dr #C
102	Fullwel International group Inc	1299	Chess Dr
103	Golden State Café, Inc #1567	977	E. Hillsdale Blvd
104	Tpumps, Inc	985	E. Hillsdale Blvd.
105	Starbird	1141	Triton Dr
106	Cetacea Corp.	1146	Chess Dr
107	AUTO WERKS DETAILING	960	EDGEWATER BLVD
108	BEAUTY HAIR & NAIL SERVICE	1485	Beach Park Blvd
109	CAPRI MARKETING COMPANY	557	PILGRIM DR A1
110	CETACEA CORPORATION	1140	CHESS DR
111	EXPRESS PHOTO & GRAPHICS	951	EDGEWATER BLVD D

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
112	GARY'S KIDS CUTS	939K	EDGEWATER BLVD
113	HAIR DESIGNERS	1064	FOSTER CITY BLVD
114	KAVAI SALON	1497	BEACH PARK BLVD
115	MATTSON & CO. INC	383	VINTAGE PARK DR
116	NAILS 4 U	939	EDGEWATER BLVD G
117	POWERTRONIX CORPORATION	1120	CHESS DR
118	SALON FANCY NAILS & HAIR	975	E HILLSDALE BLVD
119	SALON Q	3	PLAZA VIEW LN #Q
120	TERRY DEMARCO'S BARBERIA	939	EDGEWATER BLVD E
121	Richard Kinsel DDS	1291	E. Hillsdale Blvd 143
122	Hoppin' Shears Inc. dba Great Clips	929	E. Hillsdale Blvd
123	Bay Area Graphic	371	Foster Square Ln
124	Tesla Ennergy Operations	391	Foster City Blvd
125	D.C. Skin Care/Permanent Makeup	3	Plaza View Ln
126	Salon PS California LLC	707	Thayer Ln
127	Chen International Inc	1160	Chess Dr #7
128	Shiki Groups Inc.	1100	Foster Square Ln. #145
129	La Bella Spa Salon	780	Alma Ln 165
130	PENELOPE COFFEE AND TEA	333	LAKESIDE DR
131	BON APPETIT MANAGEMENT COMPANY	1149	Chess Dr.
132	Gobi Mongolian Grill	1099	Foster Square #130
133	Panera Bread	1297	Chess Dr. #D
134	Bellini Bistro Inc.	1465	Beach Park Blvd.

No.	BUSINESS NAME	STREET NUMBER	STREET NAME
135	Indy's Place Pet Hospital	1098	Foster City Blvd., #102