



September 30, 2016

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

Subject: **City of San Bruno**  
FY 2015/16 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of San Bruno pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2015/16 and related accomplishments.

Please contact me at (650) 616-7179, or by email at [jbruch@sanbruno.ca.gov](mailto:jbruch@sanbruno.ca.gov) regarding any questions or concerns.

Sincerely,

Jim Burch  
Public Services Deputy Director



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Section 1 – Permittee Information

Background Information					
<b>Permittee Name:</b>	City of San Bruno				
<b>Population:</b>	42,165				
<b>NPDES Permit No.:</b>	CAS612008				
<b>Order Number:</b>	R2-2015-0049				
<b>Reporting Time Period (month/year):</b>	July 2015 through June 2016				
<b>Name of the Responsible Authority:</b>	Jim Burch			<b>Title:</b>	Public Services Deputy Director
<b>Mailing Address:</b>	567 El Camino Real				
<b>City:</b>	San Bruno	<b>Zip Code:</b>	94066	<b>County:</b>	San Mateo
<b>Telephone Number:</b>	(650) 616-7179		<b>Fax Number:</b>	(650) 794-1443	
<b>E-mail Address:</b>	<a href="mailto:jburch@sanbruno.ca.gov">jburch@sanbruno.ca.gov</a>				
<b>Name of the Designated Stormwater Management Program Contact (if different from above):</b>				<b>Title:</b>	
<b>Department:</b>					
<b>Mailing Address:</b>					
<b>City:</b>		<b>Zip Code:</b>		<b>County:</b>	
<b>Telephone Number:</b>			<b>Fax Number:</b>		
<b>E-mail Address:</b>					

**Section 2 - Provision C.2 Reporting Municipal Operations**

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

Summary:  
 Public Services staff attended and participated in the following workshops or meetings: Trash Full Capture Device (GSRD) site tour in Millbrae on June 3, 2016, trash full capture device O&M inspection and municipal maintenance data management roundtable discussion on June 16, 2016, in addition to quarterly meetings of the Municipal Maintenance Subcommittee. Refer to the C.2 Municipal Operations section of the Program's FY 15-16 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:

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

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

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

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

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

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

Comments:  
 The City does not have jurisdiction over any Bridges or Structures within the City limits.

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

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

**C.2.f. ► Corporation Yard BMP Implementation**

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

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

All drain inlets within the Public Services Corporation Yard are plumbed to the Sanitary Sewer. Both the Public Services Corporation Yard and Parks and Recreation Corporation Yard are inspected annually, and noted issues are followed up upon. Vehicles and equipment from each Corporation Yard are cleaned in a washbasin plumbed to the Sanitary Sewer, which is located in the Public Services Corporation Yard. Dry methods are utilized when cleaning debris and spills from both Corporation Yards. Fertilizers, pesticides and other chemicals are kept indoors in the Parks and Recreation Corporation Yard. Chemicals are primarily kept indoors within the Public Services Corporation Yard, however any chemical stored outside is kept in a closed, covered and locked container. The Public Services Corporation Yard generates Hazardous Waste, which is kept indoors. Each area where liquid waste is generated or compiled has a dry spill containment and clean up kit. Both Corporation Yards have site specific maps documenting the location of chemicals, hazardous waste, gasoline storage, oil storage, propane storage, fire extinguishers, eye/body wash stations, Sanitary Sewer inlets, etc.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Parks Corporation Yard	9/15/2015	Hay waddles meant to contain debris are in need of replacement.	Will replace hay waddles before the start of the rainy season.
Public Services	9/28/2015	Inspection requirements within each subsection were checked as complete, marked with N/A if the requirement did not pertain to the Public Services Corporation Yard, and notes were added to inspection requirements where appropriate. In Section B, it was noted that vehicle washing does not occur under a roof or in a building, however the wash rack drain is plumbed to the Sanitary Sewer. Also in Section B, it was noted that we do not have a vehicle washing system, however the drain inlet in the wash rack is cleaned weekly. In Section C, there was one undeterminable requirement related to the draining of fluids from wrecked vehicles. There were no wrecked vehicles in the Public Services Corporation Yard during the inspection, however the Central Garage does not drain the fluid from wrecked vehicles unless they are leaking fluid upon arrival. In such instances appropriate measures to collect the fluid and prevent spills would be taken. None of the requirements were marked in Section D, as fuel dispensing does not occur in the Public Services Corporation Yard. Section F: The element regarding the storage of rubbish and recyclables under a roof is not possible due to the space constraints within the Public Services Corporation Yard and the types of equipment that use and are used to remove material from the area. Additional Note in this section that the dumpster area is cleared on a daily bases and loaded in dumpster that is also emptied daily. In Section G, the element regarding the covering of stockpiles of raw material when not in use is not met, however the storage yard adjacent to the Public Services Corporation Yard where the raw materials are kept utilizes infiltration as a treatment measure. Furthermore, straw waddles are installed around the perimeter of the storage yard, except at the two entry/exit gates.	No follow up actions required.

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

**C.3.a. ► New Development and Redevelopment Performance Standard Implementation Summary Report**

*(For FY 15-16 Annual Report only)* Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary:

- The City of San Bruno has adequate legal authority to implement all requirements of Provision C.3. As part of Conditions of Approval, applicant projects shall comply with all requirements of the MRP Provision C.3.
- The City of San Bruno has adequate procedures to impose conditions of approval to implement the requirements of Provision C.3 and requires that projects discharging directly to CWA section 303(d) listed water bodies implement the appropriate pollutant control BMPs.
- The City of San Bruno is using the guidance developed by the San Mateo Countywide Water Pollution Prevention Program to address urban runoff water quality considerations during CEQA review.
- The City of San Bruno staff regularly attend the annual C.3 stormwater workshops and construction inspection workshops.
- The City of San Bruno provides outreach to contractors by requiring that construction plans include the Construction BMP Plan sheet.
- The City of San Bruno is using Conditions of Approval for source control and site design as appropriate on discretionary projects, and providing copies of outreach materials to project applicants for ministerial projects.
- The City of San Bruno is using Conditions of Approval for source control and site design as appropriate on discretionary projects, and providing copies of outreach materials to project applicants for ministerial projects.
- The City of San Bruno General Plan integrates water quality and watershed project with water supply, flood control, habitat protection, groundwater recharge, and other sustainable development principles and policies.

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

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

**C.3.c.ii ► Design Specifications for Pervious Pavement Systems**

*(For FY 2015-16 Annual Report only)*. Submit design specifications for pervious pavement systems that have been developed and adopted on a regional or countywide basis. If design specifications have been adopted and are contained in a Countywide stormwater handbook, include a reference to the handbook.

Summary:

The City of San Bruno is following the design specifications included in the San Mateo Countywide Water Pollution Prevention Program Handbook.

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

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

**C.3.e.v ► Special Projects Reporting**

1. In FY 2015-16, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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2. In FY 2015-16, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the <b>C.3.b.iv.(2)</b> Table, and the <b>C.3.e.v.</b> Table.	<input type="checkbox"/>	<b>Yes</b>	<input checked="" type="checkbox"/>	<b>No</b>
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There were no Special Projects to report in FY 15-16.

**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.

The City did not install any stormwater treatment systems/HM controls this fiscal year.

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

Option 1 – Reporting Site Inspections	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 (FY14-15)	6
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 15-16)	6
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 15-16)	2
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 15-16)	33% <sup>2</sup>
Option 2 – Reporting Stormwater Treatment System Inspections (Note: This option is available during FY 15-16 only)	
Total number of stormwater treatment and HM systems in your agency's database or tabular format at the end of the previous fiscal year (FY 14-15)	N/A
Total number of stormwater treatment systems in your agency's database or tabular format at the end of the reporting period (FY 15-16)	N/A
Total number of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	N/A
Percentage of stormwater treatment and HM systems inspected in the reporting period (FY 15-16)	(N/A) % <sup>3</sup>

<sup>2</sup> Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 14-15), per MRP Provision C.3.h.ii.(6)(b).

<sup>3</sup> Based on the number of stormwater treatment and HM systems database or tabular format at the end of the previous fiscal year (FY 14-15), 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:  
 Permittee staff inspected two regulated sites' treatment controls during the 2015-16 fiscal year including Cedar Mills and Pacific Bay Vistas. Similar to last year, aside from minimal overgrowth of vegetation, the bioretention areas and flow-through planters are generally in good working condition and performing as specified.

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

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

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

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

Summary:  
 BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. San Bruno has 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. San Bruno is using the following Program and BASMAA products for C.3.i implementation:

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

**C.3.j.i.v.(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:

Permittee staff attended Green Infrastructure Workshops hosted by the San Mateo Countywide Water Pollution Prevention Program. Please refer to the SMCWPPP FY 15-16 Annual Report for a summary of outreach efforts implemented by the Program.

**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:

Permittee staff utilized BASMAA guidance to identify and review potential green infrastructure projects. An initial screening of all CIP projects within the City was conducted to determine the projects that either had no potential, were too early to assess, too late to change or were maintenance related. The remaining CIP projects were assessed for green infrastructure potential.

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 for the required information, and any additional notes provided here (optional).

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

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

Please refer to the SMCWPPP FY 15-16 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

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

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

Please refer to the SMCWPPP FY 15-16 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ff <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ff <sup>2</sup> ) <sup>15</sup>	Total Pre- Project Impervious Surface Area <sup>16</sup> (ff <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>17</sup> (ff <sup>2</sup> )
<b>Private Projects</b>											
841 San Bruno Avenue West  Project #: ZA15-001, PDP15-003, AR15-005	841 San Bruno Avenue West	Market Street Development, LLC	N/A	Construction of a 15,223 square foot medical office building.	San Bruno Creek	0.71	0.71	4,103	20,573	29,510	24,676
S.F. Police Credit Union – New Administration Building  Project #:PD12-001, PDP12-002, AR16-002	1250 Grundy Lane	NewGround	N/A	Construction of a 66,800 square foot office building and two-levels of subgrade parking.	San Bruno Creek	1.80	1.80	15,480	19,670	59,450	35,150
Crossing Hotel Project  Project #: PDP15-002, UP15-006, AR15-002	No Site Address – Admiral Court and Commodore Drive  APN: 020-013-250, 020-013-260	OTO Development, LLC	N/A	Construction of a 5-story, 152-room hotel	San Bruno Creek	1.52	1.52	57,525	398	5,258	62,385

<sup>10</sup>Include cross streets

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

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

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

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

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

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

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

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

Project Name Project No.	Project Location <sup>10</sup> , Street Address	Name of Developer	Project Phase No. <sup>11</sup>	Project Type & Description <sup>12</sup>	Project Watershed <sup>13</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ff <sup>2</sup> ) <sup>14</sup>	Total Replaced Impervious Surface Area (ff <sup>2</sup> ) <sup>15</sup>	Total Pre- Project Impervious Surface Area <sup>16</sup> (ff <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>17</sup> (ff <sup>2</sup> )
<b>Public Projects</b>											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:											

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternat ive Compli ance Measur es <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
<b>Private Projects</b>										
841 San Bruno Avenue West  Project #: ZA15- 001, PDP15-003, AR15-005	October 2015	Project approved at the 12/8/16 City Council Meeting. The second reading for the associated Ordinance was adopted at the 1/12/16 City Council meeting	<ul style="list-style-type: none"> <li>stenciled drain inlets</li> <li>drought- tolerant landscaping- efficient irrigation</li> <li>properly designed trash storage area</li> </ul>	<ul style="list-style-type: none"> <li>direct roof runoff and runoff from impervious areas to vegetated areas</li> <li>conserve natural areas</li> </ul>	Plans not yet approved.	O&M Agreement with property owner. Agreement to be recorded against the property.	1.a	No	Yes	Exempt – The project does not create and/or replace 1 acre or more of impervious surfaces.

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

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

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

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

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

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

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

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

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

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

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

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

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternat ive Compli ance Measur es <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
S.F. Police Credit Union – New Administration Building  Project #: PD12-001 PDP12-002 AR16-002	4/25/13	Project approved at the 2/23/16 City Council Meeting. The second reading for the associated Ordinance was adopted at the 3/8/16 City Council Meeting.	<ul style="list-style-type: none"> <li>• Direct roof runoff and equipment condensate onto vegetated areas</li> <li>• stenciled drain inlets</li> <li>• floor drains and fire sprinkler test water to sanitary sewer.</li> <li>• drought-tolerant landscaping-efficient irrigation</li> <li>• properly designed trash storage area</li> <li>• designated areas for equipment cleaning</li> </ul>	<ul style="list-style-type: none"> <li>• direct roof runoff and runoff from impervious areas to vegetated areas</li> <li>• Construct portions of the surface parking lot with pervious pavers.</li> <li>• include self-treating areas</li> </ul>	<ul style="list-style-type: none"> <li>• flow-through planters</li> <li>• pervious pavers</li> </ul>	O&M Agreement with property owner. Agreement to be recorded against the property.	1.a	No	Yes	Exempt – The project does not create and/or replace 1 acre or more of impervious surfaces.

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

Project Name Project No.	Application Deemed Complete Date <sup>18</sup>	Application Final Approval Date <sup>19</sup>	Source Control Measures <sup>20</sup>	Site Design Measures <sup>21</sup>	Treatment Systems Approved <sup>22</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>23</sup>	Hydraulic Sizing Criteria <sup>24</sup>	Alternat ive Compli ance Measur es <sup>25/26</sup>	Alternative Certification <sup>27</sup>	HM Controls <sup>28/29</sup>
Crossing Hotel Project  Project #: PDP15- 002, UP15-006, AR15-002	9/16/15	The project was approved by the Planning Commission on 4/19/15.	<ul style="list-style-type: none"> <li>• drought-tolerant landscaping-efficient irrigation</li> <li>• inlet stenciling</li> <li>• properly designed trash storage area</li> </ul>	<ul style="list-style-type: none"> <li>• direct roof runoff into cisterns, onto vegetated areas</li> <li>• stenciled drain inlets</li> </ul>	Plans not yet approved.	O&M Agreement with property owner. Agreement to be recorded against the property.	1.a	No	Yes	Exempt because site is outside of HM Control Areas.

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

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

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

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

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

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

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

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

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

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

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

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

**C.3.h.v.(2). ► Table of Newly Installed<sup>41</sup> 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 <sup>42</sup> For Maintenance	Type of Treatment/HM Control(s)
N/A	N/A	N/A	N/A

<sup>41</sup> "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

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

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2015 - June 30, 2016												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>43</sup>	Status <sup>44</sup>	Description <sup>45</sup>	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category <sup>46</sup>	LID Treatment Reduction Credit Available <sup>47</sup>	List of LID Stormwater Treatment Systems <sup>48</sup>	List of Non-LID Stormwater Treatment Systems <sup>49</sup>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>43</sup>Date that a planning application for the Special Project was submitted.

<sup>44</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>45</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>46</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>47</sup>For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>48</sup>: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

<sup>49</sup>List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

**Special Projects Narrative**

N/A

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

Project Name and Location <sup>44</sup>	Project Description	Status <sup>45</sup>	GI Included? <sup>46</sup>	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement <sup>47</sup>
Water Main Improvement and Replacement Program	Replace existing water mains per the Water Master Plan	Beginning Design	TBD	Bioretention will be considered depending on the location of water main replacements
Sewer Main Improvement and Replacement Program	Replace existing sewer mains per the Sewer Master Plan	Beginning Design	TBD	Bioretention will be considered depending on the location of sewer main replacements
City Park Stormwater Improvement	Construction of stormwater conveyance system to eliminate flooding with City Park	Beginning Design	TBD	Pervious pavement and bioretention will be considered during design of the stormwater system
Pavement Management Program	Repair and preventative maintenance of City Streets and parking lots	Beginning Design	TBD	Pervious pavement and bioretention will be considered for parking lots selected for reconstruction

**C.3.j.ii.(2) ► Table B - Planned Green Infrastructure Projects**

Project Name and Location <sup>48</sup>	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
N/A	N/A	N/A	N/A

<sup>44</sup> List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

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

<sup>46</sup> 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.

<sup>47</sup> 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.

<sup>48</sup> 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:  
 Information not available prior to submission of the FY15-16 MRP Annual Report.

**C.4.b.iii ► Potential Facilities List**

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.

Information not available prior to submission of the FY15-16 MRP Annual Report.

**C.4.d.iii.(1)(a) ► Facility Inspections**

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

	N/A	Permittee reports multiple discrete violations on a site as one violation.
	N/A	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	N/A	
Total number of inspections conducted	N/A	
Number of violations (excluding verbal warnings)	N/A	
Sites inspected in violation	N/A	N/A
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	N/A	N/A

Comments:

**C.4.d.iii.(1)(b) ► Frequency and Types/Categories of Violations Observed**

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	N/A
Potential discharge and other	N/A

Comments:

**C.4.d.iii.(1)(b) ▶ Frequency and Type of Enforcement Conducted**

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

	<b>Enforcement Action</b> (as listed in ERP) <sup>49</sup>	<b>Number of Enforcement Actions Taken</b>	<b>% of Enforcement Actions Taken<sup>50</sup></b>
Level 1	Verbal Warning	N/A	N/A %
Level 2	Warning Notice or Administrative Action	N/A	N/A %
Level 3	Administrative Action with Penalty &/or Cost Recovery	N/A	N/A %
Level 4	Legal Action/Referral	N/A	N/A %
<b>Total</b>		<b>N/A</b>	<b>N/A %</b>

**C.4.d.iii.(1)(c) ▶ Types of Violations Noted by Business Category**

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

<b>Business Category<sup>51</sup></b>	<b>Number of Actual Discharge Violations</b>	<b>Number of Potential/Other Discharge Violations</b>
Haz Mat	N/A	N/A
Food	N/A	N/A
<b>Total</b>	<b>N/A</b>	<b>N/A</b>

**C.4.d.iii.(1)(d) ▶ Non-Filers**

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:  
 There were no industries identified as non-filers during scheduled inspections during this fiscal year.

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

<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Industrial/Commercial Site Inspectors in Attendance</b>	<b>Percent of Industrial/Commercial Site Inspectors in Attendance</b>	<b>No. of IDDE Inspectors in Attendance</b>	<b>Percent of IDDE Inspectors in Attendance</b>
N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>49</sup>Agencies to list specific enforcement actions as defined in their ERPs.

<sup>50</sup>Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>51</sup>List your Program's standard business categories.

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

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

Provide background information, highlights, trends, etc.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 15-16 Annual Report (if applicable) for description of activities at the countywide or regional level.

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

List below or attach your complaint and spill response phone number

<u>Contact</u>	<u>Description</u>	<u>Phone Number</u>
Code Enforcement	Contact for reporting any code violation, including illicit discharges.	650-616-7076
Public Services Corporation Yard	Number is answered by a live person 24/7. Answered during Business hours by City personnel who respond appropriately for illicit discharge cleanup or report the activity to Code Enforcement. After hours call service has a protocol and are trained to dispatch Personnel to respond to observations of illicit discharges and sanitary sewer overflows.	650-616-7160

Provide your complaint and spill response web address, if used

[https://www.sanbruno.ca.gov/howdoi/report/sewer\\_overflow\\_backup.htm](https://www.sanbruno.ca.gov/howdoi/report/sewer_overflow_backup.htm)

Is a screen shot of your website showing the central contact point attached? X Yes  No

Below is a screen shot of the website showing the central contact point:

If No, explain:

Provide a discussion of how the central contact point (complaint and spill response phone number and, if used, web address) is being publicized to your staff and the public.

Public Services phone number is answered by a live person 24/7. Answered during business hours by City personnel who respond appropriately for illicit discharge cleanup or report the activity to Code Enforcement. After hours call service has a protocol and are trained to dispatch. Personnel to respond to observations of illicit discharges and sanitary sewer overflows.

**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	Percentage
Discharges reported (C.5.d.iii.(1))	6	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	5	83%
Discharges resolved in a timely manner (C.5.d.iii.(3))	6	100%
<p>Comments:</p> <p>Discharges due to Sanitary Sewer Overflows (SSO) were caused by (3) structural failures, (1) contractor error, and (1) Inflow and Infiltration over capacity rain event. Wastewater crews are immediately dispatched to these locations upon notification with a vacuum combination unit to retrieve as much of the overflow from the storm drain as possible.</p> <p>Non-SSO discharges are investigated by Code Enforcement staff. When the complaint is received the Code Enforcement Officer responds as soon as possible to catch the violator in the act and to prevent any more pollution from entering the storm drain. If the discharge has not reached the storm drain, the violator is allowed to clean the gutter and street. If the discharge has reached the storm drain, Public Services is called to clean and vacuum all affected inlets and piping. This may require blocking inlets further down-stream, washing the discharge out completely and vacuuming out the contents so that it does not flow to the Bay. All costs for cleanup are billed to the discharger who also receives enforcement action according the Enforcement Response Plan.</p> <p>After investigation, some reports are of no merit, such as a neighbor complaining about another neighbor, but then finding no violation or evidence of a violation. In some cases we received complaints of a business dumping into a storm drain in the early morning hours. In either case, staff gives a verbal warning as an educational tool and a reminder that the City is active in water pollution prevention.</p>		

**C.5.f.iii ► MS4 Map Availability**

<p>Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.</p> <p>GIS infrastructure location information is available to the public on a designated computer at the Community Development Department. The City is working to make more of this information available on the City's external website. Below is a link to the current website version:  <a href="http://etrakit.sanbrunocable.com/Html5Viewer/Index.html?configBase=http://etrakit.sanbrunocable.com/Geocortex/Essentials/REST/sites/GISPUBLIC/viewers/SBGIS/virtualdirectory/Resources/Config/Default">http://etrakit.sanbrunocable.com/Html5Viewer/Index.html?configBase=http://etrakit.sanbrunocable.com/Geocortex/Essentials/REST/sites/GISPUBLIC/viewers/SBGIS/virtualdirectory/Resources/Config/Default</a></p>
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**Section 6 – Provision C.6 Construction Site Controls**

<b>C.6.e.iii.(1) ► Hillside Development Criteria</b>			
What criteria is your agency using to determine hillside development areas?	N/A	Local criteria such as maps of hillside development areas or other written criteria	N/A
The permit definition of projects on sites with ≥ 15% slope			
Attach a copy of hillside development area maps or provide your written criteria below, if applicable.			
Description: Information not available prior to submission of the FY15-16 MRP Annual Report.			

<b>C.6.e.iii.2.a, b, c ► Site/Inspection Totals</b>		
<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection)</b> (C.6.e.iii.1.a)	<b>Number of sites disturbing ≥ 1 acre of soil</b> (C.6.e.iii.1.b)	<b>Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more)</b> (C.6.e.iii.1.c)
# N/A	# N/A	# N/A
Comments: Information not available prior to submission of the FY15-16 MRP Annual Report.		

<b>C.6.e.iii.2.d ► Construction Activities Storm Water Violations</b>		
<b>BMP Category</b>	<b>Number of Violations<sup>52</sup> excluding Verbal Warnings</b>	<b>% of Total Violations<sup>53</sup></b>
Erosion Control	N/A	N/A
Run-on and Run-off Control	N/A	N/A
Sediment Control	N/A	N/A
Active Treatment Systems	N/A	N/A
Good Site Management	N/A	N/A
Non Stormwater Management	N/A	N/A
<b>Total<sup>54</sup></b>	<b>N/A</b>	<b>100%</b>

<sup>52</sup>Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

<sup>53</sup>Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

<sup>54</sup>The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

**C.6.e.iii.2.e ▶ Construction Related Storm Water Enforcement Actions**

	<b>Enforcement Action</b> (as listed in ERP) <sup>55</sup>	<b>Number Enforcement Actions Issued</b>	<b>% Enforcement Actions Issued<sup>56</sup></b>
Level 1 <sup>57</sup>	N/A	N/A	N/A
Level 2	N/A	N/A	N/A
Level 3	N/A	N/A	N/A
Level 4	N/A	N/A	N/A
<b>Total</b>	N/A	<b>N/A</b>	<b>100%</b>

**C.6.e.iii.2.f, g ▶ Illicit Discharges**

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

<sup>55</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>56</sup>Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>57</sup>For example, Enforcement Level 1 may be Verbal Warning.

**C.6.e.iii.2.h, i ▶ Violation Correction Times**

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	N/A	N/A% <sup>58</sup>
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	N/A	N/A% <sup>59</sup>
<b>Total number of violations (excluding verbal warnings) for the reporting year<sup>60</sup></b>	<b>N/A</b>	<b>100%</b>
Comments: Information not available prior to submission of the FY15-16 MRP Annual Report.		

**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: Information not available prior to submission of the FY15-16 MRP Annual Report.

**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: Information not available prior to submission of the FY15-16 MRP Annual Report.

**C.6.f ▶ Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
N/A	N/A	N/A	N/A

<sup>58</sup>Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>59</sup>Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.  
<sup>60</sup>The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions, i.e., this assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

**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.

See Section 7 and Section 9 of the SMCWPPP FY 15-16 Annual Report for a description of activities conducted at Countywide level.

The City routinely handed out and displayed promotional materials provided by the SMCWPPP such as brochures, information cards, and giveaways.

**C.7.c. Stormwater Pollution Prevention Education**

Local stormwater phone number(s)	(650) 616-7160
Local/Regional stormwater website(s)	<a href="http://flowstobay.org/">http://flowstobay.org/</a> <a href="https://www.sanbruno.ca.gov/gov/city_departments/public_services/sustainability.htm">https://www.sanbruno.ca.gov/gov/city_departments/public_services/sustainability.htm</a>

Guidance: Describe local efforts to publicize stormwater point of contact.

See The C.7 Public Information and Outreach section of SMCWPPP 15-16 Annual Report.

The City routinely handed out and displayed promotional materials provided by the SMCWPPP such as brochures, information cards, and giveaways. Information about local and countywide events were also posted on the City's sustainability webpage.

**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 the C.7 Public Outreach and Citizen Involvement Events section of SMCWPPP FY 15-16 Annual Report for a summary of activities.**

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Success at reaching a broad spectrum of the community</li> <li>• Number of participants compared to previous years.</li> <li>• Post-event effectiveness assessment/evaluation results</li> <li>• Quantity/volume of materials cleaned up, and comparisons to previous efforts</li> </ul>
San Bruno Operation Clean Sweep May 7, 2016	An annual event where the City seeks volunteers to do a number of maintenance and collection activities including painting, weeding, and trash pickup in a variety of locations throughout San Bruno.  Residents gather at San Bruno City Park, register and obtain their work assignments. Volunteers return in the afternoon for a barbeque lunch and distribution of thank you gifts. The local trash hauler, Recology San Bruno, is a major sponsor of the event.	Operation Clean Sweep is an effective outreach event because residents are eager to help their community and often inquire about how they can help more. Citizens become more aware of Stormwater pollution prevention and are pleased to learn of other ways to participate and other programs and promotional items available. The event reaches a broad spectrum of the local community and is heavily promoted through print and televised media.  Estimated attendance for the 2015 event was about 130 volunteers. Promotional materials

		<p>included car wash coupons, children's activity books, reusable bags, and informational brochures.</p>
<p>Coastal Clean-up Day          September 19, 2015</p>	<p>The San Bruno Beautification Task Force (BTF) has begun to spearhead annual clean-up events on Coastal Clean-up Day.</p> <p>While county-wide events are promoted at City Hall, local efforts focused on beautifying downtown (San Mateo Ave.)</p>	<p>The event raised awareness for the amount of cigarette butt litter along the downtown corridor. Although 3 cigarette receptacles were installed at various key locations, litter was still prominent along the curbs, planters, and storm drains.</p> <p>Five (5) members of the public and 5 BTF members participated. It is unclear how many other San Bruno residents participated in county-wide events.</p>

**C.7.e. ► Watershed Stewardship Collaborative Efforts**

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

See the C.7 Watershed Stewardship Collaborative Efforts section of SMCWPPP FY 15-16 Annual Report for a summary of activities." All other efforts conducted locally or done on behalf of only local agencies should also be added below.

**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.

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

See the C.7 School-Age Children Outreach section of SMCWPPP FY 15-16 Annual Report for a summary of activities.

**Section 9 – Provision C.9 Pesticides Toxicity Controls**

<b>C.9.a. ► Implement IPM Policy or Ordinance</b>								
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?					X	Yes		No
If no, explain:								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.								
<b>Trends in Quantities and Types of Pesticides Used<sup>61</sup></b>								
<b>Pesticide Category and Specific Pesticide Used</b>	<b>Amount<sup>62</sup></b>							
	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>		
<b>Organophosphates</b>								
Product or Pesticide Type A	0							
Product or Pesticide Type B	0							
<b>Pyrethroids</b>								
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							
<b>Carbamates</b>								
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							
<b>Fipronil</b>								
Product or Pesticide Type X	0							
Product or Pesticide Type Y	0							

<sup>61</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>62</sup>Weight or volume of the product or preferably its 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.

<b>Indoxacarb</b>	Reporting not required in FY 15-16					
<b>Diuron</b>	Reporting not required in FY 15-16					
<b>Diamides</b>	Reporting not required in FY 15-16					
IPM Tactics and Strategies used: To control vegetation and reduce fuel sources during the summer fire season, Parks & Recreation crews first work to physically remove vegetation and brush in certain hot spot locations. The City uses a contractor for annual hot spot vegetation removal. In addition, a contractor is also used for chemical pesticide application in accordance with City and County pesticide application procedures.						

<b>C.9.b ▶ Train Municipal Employees</b>	
Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	10
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	10
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
Type of Training: For 2015-16, the Parks & Recreation crew received local tailgate training, in addition to an annual inspection from San Mateo County staff who provided the City with updates to the use, application, and storage of pesticides at the Parks Corporation Yard.	

**C.9.c ▶ Require Contractors to Implement IPM**

Did your municipality contract with any pesticide service provider in the reporting year?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

City Parks and Recreation staff met with contractor staff for a planning and coordination meeting prior to beginning work. Contractors were given copy of the City's SOP and the IPM. City Parks and Recreation staff accompanied the contractor during application for compliance, monitoring, and project management. All equipment and personnel gear cleaned and stored in accordance with County protocols. Attached is a copy of the City's SOP and the contractors' IPM.

**C.9.d ▶ Interface with County Agricultural Commissioners**

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

See Section 9 of the SMCWPPP FY 15-16 Annual Report for summary of communication with the San Mateo County Agricultural Commissioner.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

**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 the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for information on point of purchase public outreach conducted countywide 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 the C.9 Pesticides Toxicity Control section of the SMCWPPP FY 15-16 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of SMCWPPP FY 15-16 Annual Report for a summary of outreach to pest control operators and landscapers to reduce pesticide use

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

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

Summary:

During FY 15-16, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

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

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

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

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

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

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

1. Use cultural practices and pest prevention measures to minimize the occurrence of pest problems.
2. Set a threshold of tolerance for pests.
3. Use biological and physical controls that are environmentally appropriate and economically feasible to control pests.
4. Use chemical control as a last resort, and then the least toxic product will be used. Where feasible for structural pest control, insecticides will be applied as containerized baits.
5. Avoid the use of pesticides that threaten water quality<sup>63</sup> especially in formulations and situations that pose a risk of contaminating stormwater runoff.
6. Train employees on IPM techniques, pesticides-related stormwater pollution prevention methods, the municipality’s IPM policy and these standard operating procedures.

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<sup>63</sup> The municipal regional stormwater permit identifies the following pesticides as having a concern to water quality: “organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil.” (Provision C.9)

7. As part of the municipality's annual report for the municipal regional stormwater permit, report on the IPM policy's implementation by showing trends in the quantities and types of pesticides used and suggest reasons for any increases in uses of pesticides that threaten water quality<sup>1</sup> (as required by municipal regional stormwater permit Provision C.9.b.).

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

**GOAL**

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

**REQUIRED USE OF INTEGRATED PEST MANAGEMENT**

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

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

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

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

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

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

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

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

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

#### **BACKGROUND**

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

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

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

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

**Section 10 - Provision C.10 Trash Load Reduction**

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

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 60% trash reduction performance guideline was attained. If not attained, include a discussion of next steps (e.g., development of a detailed plan or report of non-compliance).

<b>Trash Load Reductions</b>	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to <b>Trash Full Capture Systems</b> (as reported C.10.b.i)	10.2%
Percent Trash Reduction in all TMAs due to <b>Control Measures Other than Trash Full Capture Systems</b> (as reported in C.10.b.ii) <sup>64</sup>	22.6%
Percent Trash Reduction due to <b>Jurisdictional-wide Source Control Actions</b> (as reported in C.10.b.iv) <sup>1</sup>	10%
<b>SubTotal for Above Actions</b>	<b>42.9%</b>
<b>Trash Offsets (Optional)</b>	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	7.1%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	
<b>Total (Jurisdictional-wide) % Trash Load Reduction in FY 15-16</b>	<b>50%</b>

**Discussion of Trash Load Reduction Calculation:**

The City attained and reported a 47% trash load reduction in its FY 14-15 Annual Report, failed to meet the trash load reduction target of 50% by 2015. The reissued MRP contains a revised calculation methodology that eliminates or caps past trash load reduction offsets or credits. Based on the new calculation methodology, as of July 1, 2016, the City has attained a 50% trash load reduction (including trash offsets). The reissued MRP also added a non-mandatory performance guideline of attaining 60% trash reduction by July 1, 2016. Based on the new calculation methodology and the information provided in this Annual Report, the City has not achieved the 60% performance guideline.

The City has prepared a Trash Action Plan to document the description and schedule of additional trash load reduction control actions that will be implemented to attain and exceed the required 70% percent reduction by July 1, 2017.

<sup>64</sup> See Appendix 10-1 for changes between 2009 and FY 15-16 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

**City of San Bruno Trash Action Plan**

The City of San Bruno completed its Short Term Plan in January of 2012 and Long Term Plan in January of 2014 as required by MRP 1.0 to reduce the trash loading of the MS4 system.

In these plans the City implemented various enhancements to reduce trash loading throughout the City. See section C.10.b.ii for complete enhancement details. Included in this is the installation of trash capture devices. In 2013, 13 additional devices were added to the original installation of 42 full capture devices for a total of 55 devices to meet the required reduction per year. The City has also participated in approximately 95 trash assessments that were conducted by EOA over the last two years. The results from these assessment are showing that the enhancements that were put in place were unable to reduce the trash loading of the MS4 system and the main cause is due to ongoing human caused/behavior of littering. In order to reach the level of 70 % reduction and beyond will require the installation of full trash capture devices at all of the TMA's that have medium to high trash generation rates. In order to address the ongoing littering and to better meet reduction goals the City of San Bruno has budgeted approximately \$550,000 in the 2016-17 CIP budget for the purchase and installation of approximately 360 additional trash capture devices. The installation of addition trash capture devices creates a large financial burden on our Storm Division which has limited funding.

**Trash Capture Project Description:**

This project will install approximately 360 trash capture devices inside storm drain inlets. Trash capture devices catch and hold solids, including small trash, sediments, and cigarette butts and allow stormwater to continue flowing into San Francisco Bay.

The California Regional Water Quality Control Board and the San Mateo County Stormwater Municipal Regional Permit requires agencies to significantly reduce stormwater contaminants entering San Francisco Bay. The target trash reduction amounts and dates are for a 60% reduction by 2016, a 70% reduction by 2017, and a 100%, or no visual impact, by 2022. Installing trash capture devices in key areas will largely meet these reduction targets. Additional City efforts include enhanced street sweeping, on-land trash pickup, and enforcing commercial and residential waste disposal codes will work in combination with the trash capture device to meet the requirement of MRP 2.0 trash load reduction.

Approximately 60 devices will be installed annually for six years through 2021-22. Initial work focus includes design and installation in areas primarily east of El Camino Real and in City business districts.

<b>C.10.a.iii ► Mandatory Trash Full Capture Systems</b>		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 15-16, during FY 15-16, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
<b>Type of System</b>	<b># of Systems</b>	<b>Areas Treated (Acres)</b>
<b>Installed Prior to FY 15-16</b>		
Connector Pipe Screens	55	96.9
Low Impact Development	3	14.8
Private Hydrodynamic Separators	4	51.8
<b>Installed in FY 15-16</b>		
Connector Pipe Screens	0	0
<b>Total for all Systems Installed To-date</b>		<b>62</b>
<b>Treatment Acreage Required by Permit (Population-based Permittees)</b>		<b>41</b>
<b>Total # of Systems Required by Permit (Non-population-based Permittees)</b>		<b>N/A</b>

\*Areas treated includes jurisdictional and non-jurisdictional lands (e.g., public K-12 schools and colleges, and freeways)

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

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 15-16 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) Since the effective date of MRP 2.0 (January 1, 2016), the percentage of systems that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full	Summary of Maintenance Issues and Corrective Actions
1	0.0%	62	0%	These devices are inspected and maintained prior to the "first flush" with additional inspection and maintenance conducted, as necessary after major storm events (may be up to four times/year). Small full-capture devices are maintained by using a combination sewer truck (i.e. Vactor truck) to pressure wash and vacuum all debris from the catch basin and connector pipe screen. In some instances, the catch basins are shoveled and swept. A Trash Capture Device Order is filled out for every maintenance event and is logged. Paper copies of the Maintenance Reports are also kept at the Public Works Department. To date, the City has experienced no failures or other issues with these devices.
2	8.5%			
3	0.3%			
4	0%			
5	1.4%			
6	0%			
7	0%			
8	0%			
9	0%			
<b>Total</b>				

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

<b>C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)</b>	
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.	
TMA	Summary of Trash Control Actions Other than Full Capture Systems
#1	<p><b><u>STREET SWEEPING</u></b></p> <ul style="list-style-type: none"> <li>Installed "No Parking-Street Sweeping" signs to prohibit parking during sweeping hours. All streets within TMA #1 are posted except for San Mateo Avenue. "No Parking-Street Sweeping" signs along Layne Place, Maryland Place and Hensley Avenue (between Sylvan Avenue and West Angus Avenue) are not posted because access is limited due to narrow alleys between buildings.</li> <li>The City developed the street sweeping program to minimize inconvenience to residents by sweeping within an established two-hour window, and limiting sweeping to one side of the street on the scheduled day. As a result, residents may park on the opposite side of the street that is not swept that day. All streets with TMA #1 except San Mateo Avenue, Jenevein Avenue (between El Camino Real and San Mateo Avenue) and Sylvan Avenue (between San Mateo Avenue and Mastick Avenue) are swept <b>twice/month</b> (1st and 3rd Monday on one side of the street and 1st and 3rd Tuesday). On scheduled sweeping days where signs are present, the sweeper is preceded by a City Community Service Officer who issues citations to vehicles in violation of the posted signs. As a result, cars are consistently not present when sweeping is conducted. Therefore, sweeping practices are effective since the sweeper is reaching the curb.</li> <li>San Mateo Avenue, Jenevein Avenue (between El Camino Real and San Mateo Avenue) and Sylvan Avenue (between San Mateo Avenue and Mastick Avenue) are <b>swept five days/week</b> (Monday- Friday) between 6:00 a.m. and 7:15 a.m. using a Green Machine street sweeper. These streets are not posted "No Parking- Street Sweeping". However, cars are consistently not present when sweeping is conducted since the vast majority of retail and commercial businesses within the downtown area are closed. Therefore, sweeping practices are effective since the sweeper is reaching the curb. Due to the very frequent sweeping of San Mateo Avenue, very minimal trash is present on streets during the week (Monday-Friday).</li> <li>Prior to sweeping San Mateo Avenue, City staff blow trash from the sidewalk into the street along the stretch <b>five days/week</b> (Monday-Friday). As a result, the sweeper is removing additional trash that otherwise would stay on the sidewalk. This practice has been effective in reducing trash loads on San Mateo Avenue resulting in very minimal trash present on sidewalks during the week (Monday-Friday).</li> <li>All City-owned parking lots within TMA #1 are swept <b>twice/week</b> between the hours of 6:00 a.m. and 7:15 a.m.</li> </ul> <p><b><u>ON-LAND CLEANUPS</u></b></p> <ul style="list-style-type: none"> <li>The City's Public Works Department performs on-land cleanup of the San Mateo Avenue corridor and City-owned parking lots <b>five days/week</b> (Monday/Friday) between the hours of 6:00 a.m. and 7:15 a.m. On-land cleanup activities include City staff blowing trash from the sidewalk into the street along San Mateo Avenue, and removing trash from San Mateo Avenue and City-owned parking lots. On-land cleanups have been effective in reducing trash loads and improving overall aesthetics on San Mateo Avenue and City-owned parking lots resulting in very minimal trash present within these areas during the work week (Monday-Friday).</li> </ul>

	<ul style="list-style-type: none"> <li>• <u>Addition clean up actions not included in Long Term Plan</u>: At the beginning of 2015 the 500 block of San Mateo Ave was impacted with cars due to an increase in gym membership at one location and the opening of another facility on that block. This effected the early morning cleaning of the downtown area, prohibiting the green machine sweeper from effectively sweeping along this area and to the curb. Cleaning of this area had to be modified to keep area clean. The 500 block is swept Monday thru Friday, but due to parked cars about half the area the curb is missed. On Thursday the all of the curb area is cleaned with the vacuum unit on the green machine in addition to cleaning the drain inlets.</li> </ul>
#3	<p>In February 2013, the City increased their street sweeping frequency in retail, commercial and industrial areas within TMA #3 from <b>twice/month to once/week</b>. Street sweeping frequency was adjusted to maximize effectiveness.</p> <p>To address areas with heavy leaf drop, the City has increased sweeping to <b>once/week</b> during the wet season on the following streets or areas:</p> <ul style="list-style-type: none"> <li>• <u>San Bruno Avenue between El Camino Real and Huntington Avenue</u>. The street sweeper is reaching the curb since San Bruno Avenue is a major through fare with no parking.</li> <li>• <u>Euclid Area (800-900 blocks of Huntington, Mills, Masson, Easton, Green and Hensley Avenues, Euclid Avenue and Forest Lane</u>. Approximately 4.09 curb miles. The street sweeper is reaching the curb since this entire areas is posted with "No Parking- Street Sweeping" signs.</li> </ul>
#4	<p>In February 2013, the City increased their street sweeping frequency of the outside and median curbs of El Camino Real from <b>twice/month to once/week</b>. Currently, the outside curbs are swept on Mondays and the median curbs are swept on Fridays. Street sweeping frequency was adjusted to maximize effectiveness.</p>
#5	<p>In February 2013, the City increased their street sweeping frequency in retail, commercial and industrial areas within TMA #5 from <b>twice/month to once/week</b>. Street sweeping frequency was adjusted to maximize effectiveness.</p> <p>To address with heavy leaf drop, the City has increased sweeping to <b>once/week</b> during the wet season on the following streets or areas:</p> <ul style="list-style-type: none"> <li>• <u>Bayhill Commercial Area (Bayhill Drive between El Camino Real and Cherry Avenue, Elm Avenue from San Bruno Avenue to Grundy Lane, Traeger Avenue from San Bruno Avenue to Bayhill Drive</u>. Approximately 1.61 curb miles. The street sweeper is reaching the curb since these streets are red-curbed, too narrow for parking or an active lane of traffic where you cannot park.</li> <li>• <u>San Bruno Avenue between El Camino Real and Interstate 280</u>. Approximately 0.95 curb miles. The street sweeper is reaching the curb since San Bruno Avenue is a major through fare with no parking.</li> </ul> <p>Updated the "Street Sweeping" webpage on the City's website. This webpage provides the street sweeping frequency by residential area within the City. Residents may view a list of streets within a residential area to determine when their street is swept. The webpage is available at: <a href="http://sanbruno.ca.gov/pw_streetsweep.html">http://sanbruno.ca.gov/pw_streetsweep.html</a>.</p>
#6	<p>Implementation of No Parking sign was completed in TMA #6 in April 2014</p>

	Installation of "No Parking-Street Sweeping" signs on Shelter Creek Lane to prohibit parking during sweeping hours. On scheduled sweeping days where signs are present, the sweeper is preceded by a City Community Service Officer who issues citations to vehicles in violation of the posted signs.
#7	No additional street sweeping was implemented near schools delineated as TMA #7 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
#8	No additional street sweeping was implemented near parks delineated as TMA #8 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
#9	No additional street sweeping was implemented in residential neighborhoods within TMA #9 during this time period. In February 2013, the City implemented a delayed street sweeping start time in all residential areas which have not been installed with "No Parking-Street Sweeping" signs. City staff has noted that moving the residential sweeping times later in the day have resulted in better curb access since more people are at work later in the day. Sweeping practices are more effective since the sweeper is more likely to reaching the curb.
All TMA's	<b>On-Land Clean Up:</b> The City's Street/Storm Division has an employee for the "trash patrol" program five days/week throughout the City in all of the TMA areas during this time period. The dominant types of trash removed were large items, the smaller items (trash/litter) is collected and bagged to estimate its quantity, and the larger items are logged and counted separately. Additional City staff assisted with emergency cleanups. City staff quantifies the amounts collected by either putting trash in bags or 5 gallon buckets. The amounts are recorded on work orders or in debris removal log book.
#2	<b>Partial Capture Devices:</b> In April 2011, West Coast Storm installed 46 Connector Pipe Screens within catch basins along with ARS units covering a minimum of 82.62 acres of the Belle Air Park neighborhood in the City of San Bruno. July 2013 United Storm Water installed an additional 9 CPS units along with ARS units. These devices are inspected and maintained prior to the "first flush" with additional inspection and maintenance conducted, as necessary after major storm events (may be up to four times/year).
All TMA's	<b>Storm Drain Inlet Cleaning:</b> Storm drains are inspected and cleaned on a yearly schedule. Maintenance logs of the condition and material removed are kept.

<p><b>All TMA's</b></p>	<p><b>Uncovered Loads:</b> The City of San Bruno requires its current Municipal Trash Hauler, Recology to properly cover all open debris boxes during transportation to their disposal site, which can be found in 4.6, 4.4 of the Franchise Agreement the City of San Bruno maintains with Recology, furthermore, the Franchise Agreement states that Recology has the exclusive right, Franchise and privilege to be the sole provider of trash and construction debris boxes to San Bruno residents while in an Agreement with the City of San Bruno.</p>
<p><b>All TMA's</b></p>	<p><b>Anti-littering and illegal dumping enforcement activities:</b> The City of San Bruno has adopted a basic anti-littering and illegal dumping enforcement program that entails receiving and responding to complaints from citizens as resources allow. Complaints are received by both telephone, and email via the City's website reporting forum. Public Services staff investigates refuse collected from illegal dumpsites in an attempt to find names, addresses, etc. of offenders. Information collected by Public services staff is then provided to the Code Enforcement division of the Community Development department, who issues the appropriate citation(s) as warranted to offenders.</p>
<p><b>All TMA's</b></p>	<p><b>Improved Trash Bin/Container Management:</b> The City of San Bruno has long required that every residential and commercial building address subscribe to regular garbage collection service, to reduce the possibility of litter arising from lack of trash collection. The City has worked and will continue to work with Recology (San Bruno's trash collection provider) to identify businesses that do not subscribe to trash collection services by comparing Recology's list of subscribers with San Bruno's business license list. This becomes especially important in the downtown corridor along San Mateo Avenue, where some businesses try to use the public trash cans to dispose of their trash, instead of subscribing to their own service. Implementing this monitoring program has reduced trash levels in the public trash cans along San Mateo Avenue, making them less likely to spill over the litter.</p>
<p><b>All TMA's</b></p>	<p><b>Public Education and Outreach Programs:</b> Refer to section C.7 for Information on the City of San Bruno's Public Outreach Programs and Events during 2015-16.</p>

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

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 15-16 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Avg # of Assessments Conducted at Each Site	
1	1.35	0	0%	0	0%
2	0.96	0	0%	0	0%
3	10.78	2.47	22.9%	4.3	6.2%
4	1.83	0.42	22.7%	4	0.9%
5	3.4	1.09	32.0%	4.8	15.2%
6	0.33	0.22	65.2%	3	0.3%
7	1.33	0	0%	0	0%
8	0.7	0	0%	0	0%
9	0.03	0	0%	0	0%
<b>Total</b>		<b>4.19</b>	<b>-</b>	<b>-</b>	<b>22.6%</b>

\*Each on-land visual assessment site is approximately 1,000 feet (on average) in length. Average number of assessments represent those conducted in FY 14-15 and 15-16.

**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 provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
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<p><b>Single Use Bag Ordinance</b></p>	<p>In January 2013, the City Council added Chapter 10.25 (Reusable Bag Ordinance to Regulate the Distribution of Single-use Carryout Bags by Retail Establishments) to Title 10 (Municipal Services) of the San Bruno Municipal Code. The ordinance restricts the use of single-use carry-out bags by retailers, including grocery stores, convenience stores, pharmacies and other shops. It does not apply to single-use carry-out bags used for restaurant food take-outs or for produce, meats, bulk foods and prescription medicines. The County of San Mateo Bag Ordinance was adopted by reference and became effective on April 22, 2013.</p>	<p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County.</p> <p>Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p>	<p>The City of San Bruno developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> <li>1) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA;</li> <li>2) 95% of single use plastic bags distributed in the City of San Bruno are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and</li> <li>3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by the County of San Mateo's Department of Environmental Health Services. This is conservative estimate given that in FY 13-14 Environmental Services only received complaints about 4, of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances.</li> </ol>	<p><b>7%</b></p>	<p><b>10% (Maximum)</b></p>
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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 provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.					
				<p>Results of assessments conducted by the County of San Mateo on behalf of all municipalities in San Mateo County indicate that the City's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted.</p> <p>Assuming single use bags are 8% of the trash observed in stormwater discharges, the City of San Bruno concludes that there has been a 7% (i.e., 8% x 86% effectiveness in reducing bags) reduction in trash in stormwater discharges as a result of the City's ordinance.</p>	

<p><b>Expanded Polystyrene Food Service Ware Ordinance</b></p>	<p>In January 2009, the City Council added Chapter 10.21 (Sustainable Food Packaging) to Title 10 (Municipal Services) of the San Bruno Municipal Code. The ordinance prohibits food vendors (i.e., any establishment located or providing food within the City) from dispensing prepared food to customers in disposable food service ware made from polystyrene (foam and solid) and requires disposable food service ware to be biodegradable, compostable, reusable or recyclable. Lids, plates, bowls, cups, utensils and straws made of polystyrene are also governed by the ordinance. The ordinance provides for exemptions due to extreme hardships, but no exemptions have been applied for to date. The Sustainable Food Packaging Ordinance became effective on April 1, 2010.</p>	<p>Although the City of San Bruno has adopted and implemented an ordinance prohibiting the distribution of EPS food ware by food vendors, evaluations of the effectiveness of the ordinance have not yet been conducted. For the purpose of estimating trash reductions in stormwater discharges associated with the ordinance, the results of assessments conducted by the cities of Los Altos and Palo Alto were used to represent the reduction of trash associated with the City's ordinance. Assessments conducted by these cities were conducted prior to and following the effective date of their ordinances, and include audits of businesses and/or assessments of EPS food ware observed on streets, storm drains and local creeks. The results of assessments conducted by these cities are assumed to be representative of the effectiveness of the City's ordinance because the implementation (including enforcement) of the City's ordinance is similar to the City of Los Altos and Palo Alto.</p>	<p>The City Of San Bruno developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> <li>1) EPS food ware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA;</li> <li>2) 80% of EPS food ware distributed by food vendors or sold via stores in the City of San Bruno is affected by the implementation of the ordinance; and</li> <li>3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the City of Palo Alto and City of Los Altos.</li> </ol> <p>Results of assessments that are representative of the City of San Bruno, but were conducted by the cities of Los Altos and Palo Alto, indicate that City's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result - an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated</p>	<p><b>5%</b></p>	
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**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 provide the associated reduction of trash within your jurisdictional area. Also include the total % reduction credit for all source controls up to the maximum 10% allowed by MRP 2.0.

			average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the City of San Bruno concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.		
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**C.10.c ▶ Trash Hot Spot Cleanups**

Provide the FY 15-16 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 15-16.

Trash Hot Spot	New Site in FY 15-16 (Y/N)	FY 15-16 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
SBO01	N	6/13/2016	0.02	0.03	0.07	0.05	0.01

**C.10.d ► Long-Term Trash Load Reduction Plan**

<p>Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your trash generation map was revised and is attached to your Annual Report.</p>	
Description of Significant Revision	Associated TMA
<p>In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the City's baseline trash generation maps. Under California Government Code Sections 4450 through 4461, the construction, modification, or alternation of facilities and/or structures on these parcels are under the jurisdiction of the California Division of State Architect and not the City. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the City's baseline trash generation maps. The City's revised baseline trash generation map is included as Appendix 10-2.</p>	<p>All applicable</p>
<p>At the beginning of 2015 the 500 block of San Mateo Ave was impacted with cars due to an increase in gym membership at one location and the opening of another facility on that block. This effected the early morning cleaning of the downtown area, prohibiting the green machine sweeper from effectively sweeping along this area and to the curb. Cleaning of this area had to be modified to keep area clean. The 500 block is swept Monday thru Friday, but due to parked cars about half the area the curb is missed. On Thursday the all of the curb area is cleaned with the vacuum unit on the green machine in addition to cleaning the drain inlets.</p>	<p>TMA #1</p>
<p>Implementation of No Parking sign was completed in TMA #6 in April 2014.</p> <p>Installation of "No Parking-Street Sweeping" signs on Shelter Creek Lane to prohibit parking during sweeping hours. On scheduled sweeping days where signs are present, the sweeper is preceded by a City Community Service Officer who issues citations to vehicles in violation of the posted signs.</p>	<p>TMA #6</p>

<b>C.10.e. ► Trash Reduction Offsets (Optional)</b>			
Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 15-16. 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.			
<b>Offset Program</b>	<b>Summary Description of Actions and Assessment Results</b>	<b>Volume of Trash (CY) Removed/Controlled in FY 15-16</b>	<b>Offset (Jurisdiction-wide Reduction %)</b>
<b>Additional Creek and Shoreline Cleanups (Max 10% Offset)</b>	<p>City of San Bruno City Park and El Zanjón Creek Cleanup</p> <p>El Zanjón creek which runs through City Park is referenced as the City of San Bruno Trash Hot Spot cleanup # SB001. The creek discharges directly into a storm culvert at the edge of City Park. This park is the City of San Bruno's main park which has multiple picnic areas, playgrounds, 3 baseball fields, and recreation center, along with a swimming pool nearby. The creek travels approximately 2,300 feet through the park.</p> <p>City of San Bruno Park Division staff empties trash cans and picks up trash and debris that is within City Park and the El Zanjón creek area every day of the week Monday through Friday. On the weekends the trash bins are emptied and trash is picked up as well. On average there is 25 to 30 gallons of trash picked up daily and removed from the park area and the creek. The creek area including the creek bank accounts for 5 gallons of the 25 to 30 gallons of trash picked up in the creek area. Based on this information there was 1,825 gallons removed from the creek area in FY 15-16.</p>	1,825 gallons / 9 CY	7.15%
<b>Direct Trash Discharge Controls (Max 15% Offset)</b>	Not Applicable		

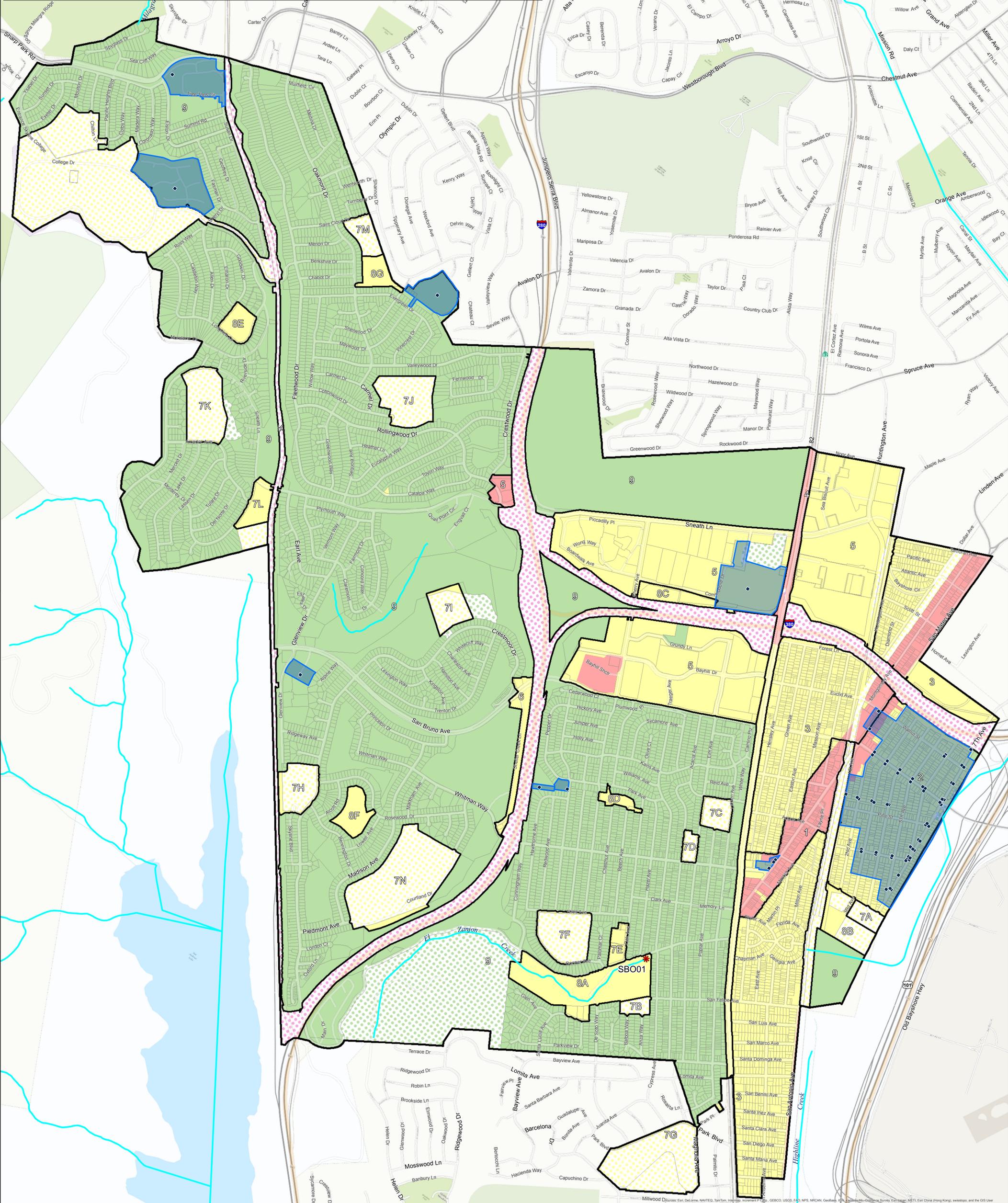
Appendix XX. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 15-16.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 15-16 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	5	30	0	35	0	5	30	0	35	0.0%	0	5	30	0	35	0.0%	0.0%
2	0	108	7	0	115	92	17	5	0	115	8.5%	92	17	5	0	115	0.0%	8.5%
3	0	258	31	0	289	1	257	30	0	289	0.3%	120	122	47	0	289	6.2%	6.5%
4	0	20	10	0	30	0	20	10	0	30	0.0%	3	19	8	0	30	0.9%	0.9%
5	2	280	13	0	295	18	264	13	0	295	1.4%	186	98	11	0	295	15.2%	16.6%
6	0	9	0	0	9	0	9	0	0	9	0.0%	3	6	0	0	9	0.3%	0.3%
7	0	23	0	0	23	0	23	0	0	23	0.0%	0	23	0	0	23	0.0%	0.0%
8	0	67	0	0	67	0	67	0	0	67	0.0%	0	67	0	0	67	0.0%	0.0%
9	2,056	0	0	0	2,056	2,056	0	0	0	2,056	0.0%	2,056	0	0	0	2,056	0.05	0.0%
<b>Totals</b>	<b>2,059</b>	<b>769</b>	<b>91</b>	<b>0</b>	<b>2,919</b>	<b>2,168</b>	<b>662</b>	<b>89</b>	<b>0</b>	<b>2,919</b>	<b>10.2%</b>	<b>2,461</b>	<b>357</b>	<b>101</b>	<b>0</b>	<b>2,919</b>	<b>22.6%</b>	<b>32.9%</b>

**Appendix 10-2 (Maps):**

1. City of San Bruno Full Trash Capture and Trash Management Area Map (Attached)
2. City of San Bruno – Trash Generation Map (Attached)

# City of San Bruno Full Trash Capture and Trash Management Area Map



## Legend

**Trash Generation Category**

- Low
- Moderate
- High
- Very High

- \* Creek/Shoreline Hotspot
- Full-Capture Location
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

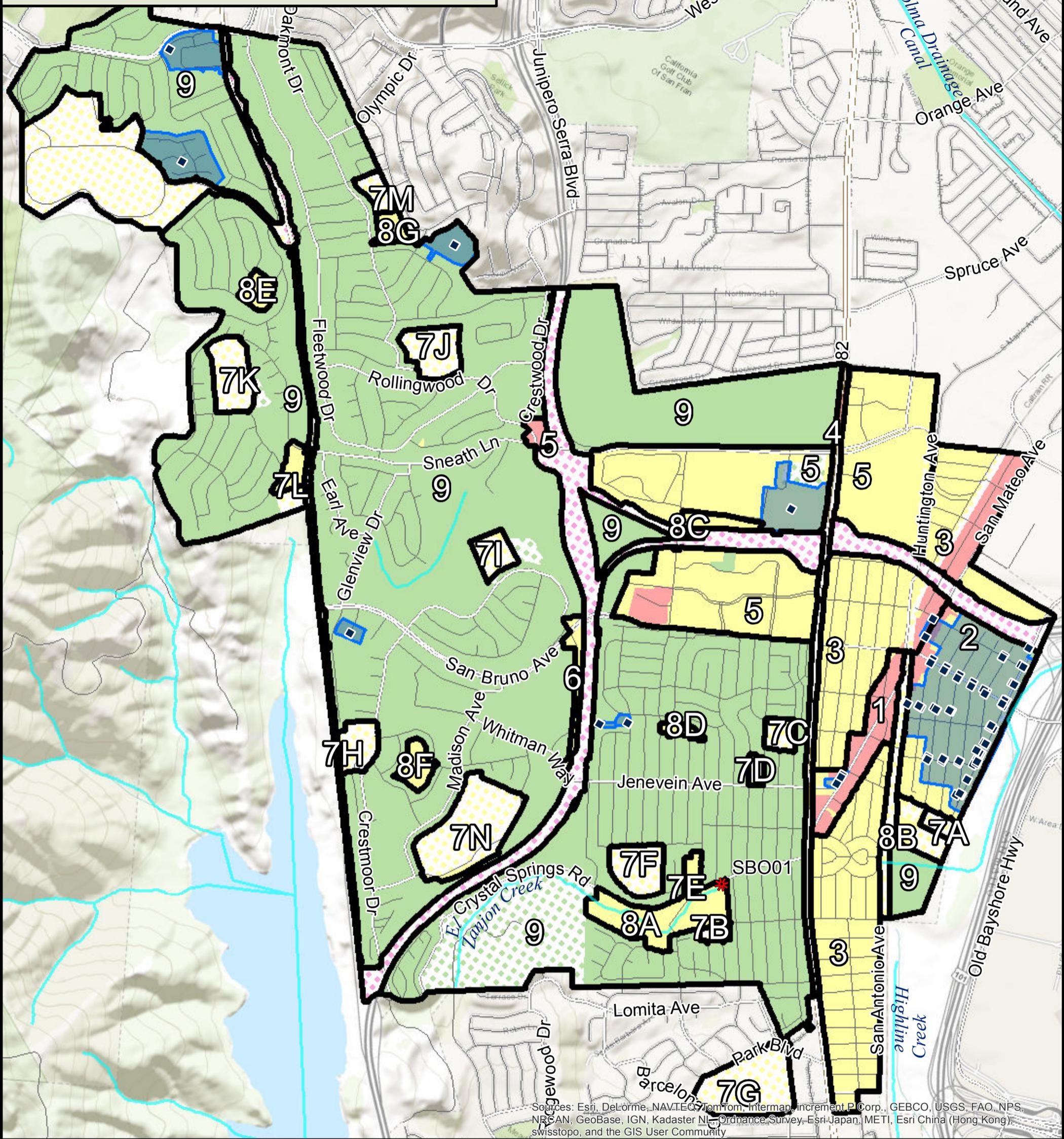
- Streets
- Freeway
- Creeks
- Parcel Boundary



**Data Sources:**  
 Roads: San Mateo County  
 City Boundaries: San Mateo County  
 Creeks: San Mateo County  
 Parcels: San Mateo County  
 Background: ESRI World Topographic Map

**Map Created By:**  
 EOA, Inc.  
**Date:**  
 July 11th, 2016

# City of San Bruno - Trash Generation Map



Sources: Esri, DeLorme, NAVTEC, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

## Legend

### Trash Generation Category

- Low
- Moderate
- High
- Very High

- \* Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Trash Management Area
- Non-Jurisdictional (Dot color = Generation Category)

- Streets
- Freeway
- ~ Creeks



**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**
- C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads**
- C.11.d ► Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.11.e ► Implement a Risk Reduction Program**

Summary:

A summary of accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of SMCWPPP's FY 15-16 Annual Report.

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**
- C.12.c ▶ Plan and Implement Green Infrastructure to Reduce PCBs Loads**
- C.12.d ▶ Prepare Implementation Plan and Schedule to Achieve TMDL Allocations**
- C.12.e ▶ Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way**
- C.12.f ▶ Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains**
- C.12.g.▶ Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins**
- C.12.h ▶ Implement a Risk Reduction Program**

Summary:

A summary of accomplishments for these sub-provisions are included within the C.12 PCBs Controls section of SMCWPPP's FY 15-16 Annual Report.

**Section 13 - Provision C.13 Copper Controls**

**C.13.a.iii ▶ Manage Waste Generated from Cleaning and Treating of Copper Architectural Features**

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of copper architectural features, including copper roofs?</p>	N/A	Yes	N/A	No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper architectural features are addressed through the issuance of building permits.</p>				
<p>Summary:                  Information not available prior to submission of the FY15-16 MRP Annual Report.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> 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.</p>				
<p>Summary:                  Information not available prior to submission of the FY15-16 MRP Annual Report.</p>				

**C.13.b.iii ▶ Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals**

<p><i>(For FY 15-16 Annual Report only)</i> Do you have adequate legal authority to prohibit the discharge to storm drains of water containing copper-based chemicals from pools, spas, and fountains?</p>	N/A	Yes	N/A	No
<p><i>(For FY 15-16 Annual Report only)</i> Provide a summary of how copper-containing discharges from pools, spas, and fountains are addressed to accomplish the prohibition of the discharge.</p>				
<p>Summary:                  Information not available prior to submission of the FY15-16 MRP Annual Report.</p>				
<p><i>(FY 15-16 Annual Report and each Annual Report thereafter)</i> Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.</p>				
<p>Summary:                  Information not available prior to submission of the FY15-16 MRP Annual Report.</p>				

**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:

Information not available prior to submission of the FY15-16 MRP Annual Report.

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

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

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

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

Summary:

Below are implementation program summaries by category:

1. Promote conservation programs:
  - Lawn-Be-Gone changing grass into drought resistant plants.
  - Large Landscape Audit
  - High Efficiency Toilet Rebate
  - High Efficiency Washing Machine Rebate
  - EarthCapades vaudeville act for the kids Kindergarten through 5<sup>th</sup> grade classes
2. Promote use of drought tolerant plants:
  - Lawn Be Gone Workshop (April 23, 2016)
  - Drought Resistant Plants workshop (May 14, 2016)
3. Promote outreach message:
  - Outreach efforts by local water agencies and BAWSCA, including utility billing inserts

See Section C.9.e.ii of SMCWPPP's FY 15-16 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management. See Section C.7 of SMCWPPP's FY 15-16 Annual Report for a description of outreach conducted to promote water conservation programs, such as promoting rain barrel use. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website ([www.flowstobay.org](http://www.flowstobay.org)).