

COUNTY OF SAN MATEO
DEPARTMENT OF PUBLIC WORKS

James C. Porter
Director

County Government Center
555 County Center, 5th Floor
Redwood City, CA 94063
650-363-4100 T
650-361-8220 F
www.smcgov.org

September 30, 2017

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

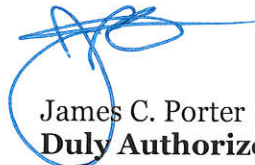
Subject: **County of San Mateo**
FY 2016/17 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by County of San Mateo 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 2016/17 and related accomplishments.

Please contact Andrea Chow at 650-363-4125 regarding any questions or concerns.

Very truly yours,



James C. Porter
Duly Authorized Representative
Director of Public Works
RCE No. 48056

Enclosures: Certification Statement, San Mateo County FY 2016/17 Annual Report

CC: Jim Eggemeyer, Director of Office of Sustainability
CC: Heather Forshey, Director of Environmental Health Services



**COUNTY OF SAN MATEO
FY 2016/17 ANNUAL REPORT**

Certification Statement

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Duly Authorized Representative:


 Director of Public Works 9-20-17
Name and Title Date

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Section 1 – Permittee Information

Background Information					
Permittee Name:	County of San Mateo				
Population:	67,023 (unincorporated areas only)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2016 through June 2017				
Name of the Responsible Authority:	Jim Porter	Title:	Director, Department of Public Works		
Mailing Address:	555 County Center, 5 th Floor				
City:	Redwood City	Zip Code:	94063	County:	San Mateo County
Telephone Number:	(650) 363-4100	Fax Number:	(650) 381-8220		
E-mail Address:	jporter@smcgov.org				
Name of the Designated Stormwater Management Program Contact (if different from above):	Jim Eggemeyer	Title:	Director, Office of Sustainability		
Department:	Office of Sustainability				
Mailing Address:	455 County Center, 4 th Floor				
City:	Redwood City	Zip Code:	94063	County:	San Mateo County
Telephone Number:	(650) 363-4189	Fax Number:	(650) 363-1916		
E-mail Address:	Jeggemeyer@smcgov.org				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

During FY 16-17, County staff regularly attended and participated in the NPDES Technical Advisory Committee, Municipal Maintenance Subcommittee, and Trash Control Subcommittee meetings. Department of Public Works (DPW) staff continued with implementation of the County trash full capture device O&M Program including use of an electronic tracking database and adoption and use of the SMCWPPP field form template for inspection and maintenance. DPW also began working on an automation of the trash full capture device process to allow for electronic field data collection using a handheld device and Collector for ArcGIS integrated with Survey 123 (see Attachment C.2 Survey 123). DPW is also exploring integration of trash full capture device inspection into our existing computerized maintenance management systems – Hansen or Accela. Annual inspections were completed for all DPW and County Parks Department (Parks) Corporation Yards. Stormwater Best Management Practices (BMPs) were implemented as detailed in the site specific Stormwater Pollution Prevention Plans (SWPPP); and no violations were reported. DPW staff continued routine monitoring and inspection of pump stations for trash, odor, color, turbidity and the presence of floating carbons, as well as dissolved oxygen during the summer months, and no corrective actions were required. All road maintenance activities were conducted in accordance with the MRP and the County of San Mateo Watershed Protection Maintenance Standards (2004). DPW adopted the SMCWPPP pesticide tracking Excel template. Please see the C.2 Municipal Operations section of the SMCWPPP FY 16-17 Annual Report for a description of activities implemented at the countywide level and/or regional level.

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

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

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

Comments:
 DPW Roads Division's (Roads) sweeping logs were completed and are kept on file. Most residential and retail areas were swept twice per month. Arterial roads were generally swept twice per month. An area within unincorporated North Fair Oaks was swept once per week.

County Parks' sweeping logs were completed and kept on file. Street sweeping was conducted monthly for the following San Mateo County Parks: Coyote Point Recreation Area, Coyote Point Marina, Edgewood Natural Preserve, Fitzgerald Marine Reserve, Flood Park, Huddart Park, Junipero Serra Park, Pescadero Park Complex, San Bruno Mountain Park, and San Pedro Valley Park.

All DPW and County Park road maintenance activities were conducted in accordance with the MRP and the San Mateo County Watershed Protection Maintenance Standards (2004). These standards were developed in conjunction with FishNet 4C, a County based salmon protection and restoration program that brought together the central coast counties of Mendocino, Sonoma, Marin, San Mateo, Santa Cruz and Monterey, the National Marine Fisheries Service, the CA Department of Fish and Wildlife, and Regional Water Quality Control Board (Water Board). The Maintenance Standards manual was created to meet NPDES requirements as well as the Endangered Species Act Section 4(d) Rule for steelhead and salmon. Additionally, for all contracted DPW work, standard specifications include the requirement that all work be conducted in accordance with the MRP and the San Mateo Countywide Water Pollution Prevention Program, including standard construction BMPs - <http://www.flowstobay.org/sites/default/files/Countywide%20Program%20BMP%20Plan%20Sheet-June%202014%20Update.pdf>.

For maintenance projects involving construction with fill or potential impacts to water quality, creeks, wetlands, and/or special status species (e.g. culvert replacements, slip-out repairs, sediment removal), environmental permits were obtained from the appropriate regulatory agencies (Department of Fish and Wildlife Streambed Alteration Agreement, Water Board 401 WQ certification, Army Corps Permit, Section 7 consultations, Coastal Development Permit, CEQA compliance). Many of the obtained permits for DPW projects required additional BMPs and protective measures, which were implemented by DPW staff. For DPW projects requiring environmental permits, County biologists prepared and submitted memos to the Roads Manager and Construction Supervisors containing copies of all applicable permits and detailing specific BMP requirements. A monitoring biologist was onsite for DPW projects at high priority sites (i.e. coastal zone and/or sensitive habitat). For Parks projects requiring environmental permits, contractor biologists prepared and submitted memos to the Natural Resource Manager and Parks Planner containing

copies of all applicable permits and detailing specific BMP requirements. A monitoring biologist contractor was onsite for Parks projects at high priority sites (i.e., coastal zone and/or sensitive habitat).

DPW and Parks are currently working with the resource agencies to secure programmatic permits for routine maintenance activities. As part of the programmatic permitting process, a new Routine Maintenance Program Manual is being developed and will include BMP updates to meet current Federal and State agency expectations for routine maintenance activities. A multi-agency meeting was held on April 19, 2017 to present the draft Routine Maintenance Program and Manual and solicit early feedback from agency staff. Revisions to the Manual based on agency feedback are in progress.

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

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

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

Comments:
 The County Facilities, Maintenance and Operations (FMO) Section performs maintenance of the County's parking garage and parking lots using a sweeper truck. The parking garage is typically swept twice per month, and the parking lots are swept monthly. The sweeper truck sprays and picks up the water as it sweeps. The water and debris are off loaded at Grant Yard in Redwood City, where the solids are separated out for disposal at a solid waste landfill, and the water is diverted to the sanitary sewer system for further treatment. FMO conducts power washing at County facilities on an as-needed infrequent basis. BASMAA BMPs were implemented (e.g. dry sweeping and routing wash water to landscaped areas). FMO implements BASMAA Mobile Surface Cleaner Programs BMPs when applicable.

 County Park staff complete the BASMAA online training annually and implemented BMPs for corporation yard and paved areas surface cleaning.

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

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

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

Comments:

The Construction Services Section (CSS) of DPW conducts a very limited and small scale graffiti abatement program. CSS does not engage in graffiti removal/abatement over or near bodies of water, maintenance of bridges, underpasses and/or Caltrans' structures or right-of-ways. CSS only performs minor urban graffiti removal on public property (traffic signage, benches, sidewalks, and walls) where wash water use is very seldom necessary. Graffiti abatement typically consists of painting over the graffiti and/or removal using environmentally-friendly, biodegradable products. These processes do not generate airborne or downstream residue/contaminants. No pressure/power washing was conducted for graffiti abatement during this reporting period. Appropriate CSS staff have completed the online BASMAA training program and implemented BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal activities.

As reported in the County FY15-16 Annual Report, DPW hired a contractor to commence construction of a new bridge over the Crystal Springs Dam, and work began in March 2016. Construction continued throughout FY16-17. The project specifications, plans, and SWPPP require comprehensive BMPS, compliance with all MRP requirements, and contractor employee training. The project site is inspected daily to ensure compliance with project SWPPP and the MRP.

Parks staff conducted very limited and small scale graffiti removal in County Parks. All graffiti removal activities in County Parks were conducted using comprehensive BMPs, including controlling discharges from graffiti removal activities. Parks staff have completed the online BASMAA training program and implemented BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal activities.

The County hired a contractor to remove all observed graffiti in the County's unincorporated North Fair Oaks area. The Contractor remains on-board to inspect the community and remove additional graffiti that is observed. The Contractor is required to follow BMPs to control discharges

from graffiti removal activities and has been provided a list of required BMPs from BASMAA's Mobile Surface Cleaner Program for graffiti removal. The Contractor avoids using power washing as a graffiti removal technique when at all possible.

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

Does your municipality own/maintain rural¹ roads: **X** **Yes** **No**

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

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

Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
Y	No impact to creek functions including migratory fish passage during construction of roads and culverts
Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
Y	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
Y	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:
 All DPW and County Parks rural roads construction and maintenance activities were conducted in accordance with the County of San Mateo Watershed Protection Maintenance Standards (2004), which includes BMPs for rural roads. For rural road construction projects, including emergency repairs (e.g. slip-outs), conducted within the coastal zone and/or sensitive habitat, a County biologist or other qualified biologist was on site to monitor construction activities and BMP implementation. Additional permits (e.g. Department of Fish and Wildlife Streambed Alteration Agreement, Water Board 401 WQ certification, Army Corps Permit, Section 7 consultations, Coastal Development Permit, CEQA compliance) were obtained for all rural road construction projects with fill or potential impacts to water quality, creeks, wetlands, and/or special status species. Many

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

of those permits also required BMP and additional protective measures. For DPW projects, these measures were implemented and detailed in memos from a County biologist to the Roads Manager and Construction Supervisor. DPW rural roads construction projects included culvert replacements and slip-out repairs. 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.

County of San Mateo Watershed Protection Maintenance Standards (2004) were implemented to improve drainage and reduce sedimentation from roads and trails within the County Parks system, including: 1) Franciscan Trail drainage improvements at Edgewood, 2) Alambique Trail and Skyline Trail improvements at Wunderlich, 3) Edgewood Trail improvements at Edgewood, 4) Towne Fire Road maintenance at Pescadero Park, 5) Trail maintenance at Sanchez Adobe, 6) Weiler Ranch Road trail improvements at San Pedro Valley, 7) Clarkia Trail improvements at Edgewood, 8) rocking of parking lot at Pillar Point Marsh at Fitzgerald, 9) drainage improvements to Old Haul Road in Pescadero, 10) Forest Trail improvements at Pescadero, Upper Pomponio Canyon Trail improvements at Pescadero, 11) Mt Ellen Nature Trail improvements at Memorial, 12) road drainage improvements at Quarry Park, 13) Richard Road at Wunderlich, 14) Meadow Trail at Wunderlich, 15) Sequoia service road improvements at Memorial, 16) Ralston Trail shoulder improvements, and 17) Dardenelle Trail improvements at Fitzgerald. County Parks continues to work with the San Mateo County Resource Conservation District to proactively seek solutions to sediment issues in Pescadero County Park Complex related to Old Haul Road and other roads from historic timber harvesting that took place throughout the property during the last century.

As mentioned above in section C.2.a, DPW and Parks are currently working with the resource agencies to secure programmatic permits for routine maintenance activities. As part of this process, a new Routine Maintenance Program Manual is being developed and will include BMP updates for erosion and sediment control during and after construction and maintenance activities on rural roads, particularly in or adjacent to stream channels or wetlands.

C.2.f. ► Corporation Yard BMP Implementation

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

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

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

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

X	Cover and/or berm outdoor storage areas containing waste pollutants			
<p>Comments:</p> <p>DPW staff with specialized training in conducting stormwater inspections performed required pre-rainy season inspections at County DPW corporation yards. DPW staff performed corporation yard inspections in August and September of 2016. Corrective actions requested in the August inspections for DPW corporation yards were promptly addressed prior to the September inspection. No non-stormwater discharge violations were detected during corporation yard inspections. A summary of the results is provided in the table below.</p> <p>The Roads Division of DPW washes vehicles at Grant Corporation Yard which has designated washing areas equipped with connections to the Redwood City sewer system. Vehicle washing no longer occurs at the Redwood City Motor Pool since the facility was relocated to the Grant Corporation Yard.</p> <p>Parks staff with specialized training in conducting stormwater inspections performed required pre-rainy season inspections at County Parks Corporation Yards. A summary of the results is provided in the table below. Trained Parks staff performed inspections at Parks Corporation Yards in September 2016. No violations were noted. Parks staff received documented confirmation by e-mail within 10 days of inspection that any recommendations from the inspection were addressed (i.e. spill kits or drip pans were purchased).</p> <p>Parks Corporation Yards at Coyote Point, Junipero Serra, Huddart and Memorial are equipped with wash down racks connected to the sanitary sewer system, septic leach fields, or storage tanks at the more remote locations. Most vehicle washing for Parks equipment is conducted at the wash rack at Coyote Point Park, which is connected to the sanitary sewer system.</p> <p>County Parks has updated all of the Hazardous Material Plans for County Park Corporation Yards (with the amount of materials warranting reporting) and entered them into the County Environmental Health Division database for Fire agencies to be able to access the information.</p> <p>In addition to the DPW and Parks pre-rainy season inspections, County Environmental Health Services (CEH) also conducts routine Haz Mat and stormwater inspections at the DPW and Parks Corporation Yard facilities.</p>				
<p>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:</p>				
Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Grant Yard	-Vehicle and Equipment Washing	8/9/2016 9/16/2016	No violations.	None required.

² Minimum inspection frequency is once a year during September.

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Permittee Name: County of San Mateo

C.2 – Municipal Operations

	-Vehicle and Equipment Repair -Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage			
Grant Yard (Haz Mat Inspection)	-Vehicle and Equipment Washing -Vehicle and Equipment Repair -Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	4/27/2017	No violations.	None required.
Princeton	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	8/24/2016 9/12/2016	No violations.	None required.
Pescadero	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	8/22/2016 9/12/2016	No violations. Inspector recommended replacing an old wattle with a new wattle.	8/31/2016 Supervisor at Corporation Yard replaced straw wattle with new straw wattle.

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Belmont Motor Pool (Tower Road)	-Fuel Dispensing -Municipal Vehicle Parking Employee Parking -Waste and Recycling Storage	8/18/2016 9/16/2016	No violations.	None required.
La Honda	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	8/8/2016 9/12/2016	No violations. Inspectors recommended replacement of worn perimeter wattles, removal of oil stains and sand from pavement, and utilizing drip pans below leaking vehicles until serviced.	8/24/2016 Supervisor at Corporation Yard replaced perimeter wattles with new straw wattles and cleaned up oil stains and sand. Drip pan placed under vehicle. Vehicle was serviced to prevent further leaks.
Coyote Point Recreation Area	-Vehicle and Equipment Washing -Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking	9/15/16	No violations.	None required.
Flood Park	-Outdoor material storage -Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking	9/15/16	No violations. 3 garbage cans needed lids and new spill kit needed.	9/19/16 - 3 lids and spill kit ordered.
Junipero Serra Park	-Vehicle/equipment washing -Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking	9/15/16	No violations. Shelving for chain saws needed to avoid dripping, and 3 drip pans needed.	9/22/16 - Shelving constructed and drip pans acquired.
Memorial Park	-Vehicle/equipment washing -Outdoor material storage	9/16/16	No violations. 5 drip pans and new spill kit needed. Surplus hazardous waste need to be disposed of at County Env. Health collection facility.	9/22/16 - 5 drip pans and spill kit ordered. Surplus hazardous wastes disposed

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C.2 – Municipal Operations

	-Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking			of at County Env. Health collection facility.
San Pedro Valley Park	-Outdoor material storage -Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking	9/16/16	No violations.	None needed.
Huddart Park	-Vehicle/equipment washing -Outdoor material storage -Outdoor waste/recycling storage -Municipal vehicle/heavy equipment parking -Employee parking	9/16/16	No violations. 6 drip pans needed.	9/20/16- Drip pans ordered.

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

C.3.b.iv.(1) ► Regulated Projects Approved Prior to C.3 Requirements

(For FY 2016-17 Annual Report only) Does your agency have any Regulated Projects that were approved with no Provision C.3 stormwater treatment requirements under a previous MS4 permit and that did not begin construction by January 1, 2016 (i.e., that are subject to Provision C.3.b.i.(2))?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If yes, complete attached Table C.3.b.iv.(1).				

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

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

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

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Comments (optional): Alternative and In-Lieu Compliance are allowed by the County of San Mateo, but the County of San Mateo had no such projects this year.				

C.3.e.v. ► Special Projects Reporting

1. In FY 2016-17, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii.(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2. In FY 2016-17, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
The County did not receive any applications for any Special Projects this fiscal year.				

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

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

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

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

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY15-16)	33
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 16-17)	38
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 16-17)	7
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 16-17)	21.2% ³

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 15-16), 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:
 The County had a total of 33 Regulated Projects (including offsite projects, and Regional Projects) in our database at the end of the previous fiscal year (FY15-16), which includes 2 public sites (South County Clinic completed in 2015 and Seal Cove roads completed in 2015). The Planning and Building Department conducted inspections of 7 sites (or 21% of all completed Regulated Projects), including 6 Regulated Sites and reviewed inspection of 1 vault system site (Extra Space Storage). The County accepted a 3rd party inspection report in-lieu of directly conducting an O&M inspection of a vault-based facility at Extra Space Storage at 477 Harbor Blvd. The inspection report showed that the site was inspected two times over this fiscal year and that the unit was operating properly. No inspections of the 2 public sites were performed this fiscal year. Staff notes that 4 projects previously reported as “newly installed” in FY 15-16 and 1 project reported as “newly installed” in FY 14-15 are still under construction; these sites are not completed, not ready for O&M inspections, and therefore not included in our completed Regulated Projects lists for this fiscal year or the previous fiscal year.

Minor corrections were required at all sites, excluding the vault system site. Corrections were completed at 50% of the sites and were achieved within 4 months from the date of first inspection. Staff continues to work with the remaining 3 sites (The Horse Park, Palomar Oaks Subdivision, and a residence at 1885 Camino a los Cerros) in which corrections have not been completed to achieve compliance. This year, County staff did not encounter any unauthorized modifications. In June 2017, the County completed its County O&M Policy and its Enforcement Response Plan for Provision C.3 Stormwater Treatment System Operation & Maintenance Inspections and is in the training and implementation process.

Similar to years past, homeowners had varying levels of awareness and interest regarding the O&M facilities and responsibilities for their property. This year, County staff found some property owners were either unprepared or unknowledgeable when addressing questions and comments from County staff regarding corrections to the facilities, resulting in longer correction times. Additionally, as in years past, County staff found some property owners to be indifferent regarding the maintenance of these systems.

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:
 This year, new staff in the Planning and Building Department was assigned O&M Inspection and correction monitoring tasks. This year, additional staff time was required to train new staff. Next year, with additional staff training and experience, including training on the County’s new Enforcement Response Plan for Provision C.3 Stormwater Treatment System Operation & Maintenance Inspections (approved in June 2017), correction times will be reduced per the ERP.

C.3.h.v.(4) ► Enforcement Response Plan			
<i>(For FY 2016-17 Annual Report only)</i> Has your agency completed an Enforcement Response Plan for all O&M inspections of stormwater treatment measures by July 1, 2017?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If No, provide schedule for completion:			

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

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

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

The County continues the C.3.i implementation procedures as described in FY 15-16, consisting of the following:

- Distribution of BASMAA's site design fact sheets at the counter and on the County's website.
- Distribution and collection of the SMCWPPP C.3 and C.6 Development Review Checklist prior to approval of discretionary/issuance of non-discretionary permits.
- Distribution of C.3.i guidance provided by the SMCWPPP C.3 Stormwater Technical Guidance document Appendix L.
- Planning staff continues to consult the NPDES process guidance for Planning and Building projects including instructions for staff to add conditions of approval applicable to C.3.i. prior to discretionary permit approval.

Nine (9) County Planning and Building staff attended the SMCWPPP Annual C.3. Workshop on February 1, 2017 that included presentations on C.3 requirements.

C.3.j.i.(5)(a) ► Green Infrastructure Framework or Work Plan

<i>(For FY 2016-17 Annual Report only)</i> Was your agency's Green Infrastructure Framework or Work Plan approved by the agency's governing body, mayor, city manager, or county manager by June 30, 2017?	X	Yes, approval documentation attached	No
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If Yes, describe approval process and documentation:
 On April 25, 2017, the County of San Mateo Board of Supervisors adopted Resolution No. 075143 approving a Workplan to develop a Green Infrastructure Plan in accordance with Provision C.3.J of the Municipal Regional Permit. See attachment C.3.j.i.(5)a for a copy of the resolution.

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

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

Summary:

The County Office of Sustainability (OOS) has been leading Green Infrastructure outreach efforts to County staff, elected officials, and the general public. OOS initiated and convened an interdepartmental GI Working Group with responsible department staff and management to discuss GI requirements and assigned tasks. The GI Working Group consists of staff from DPW, Planning & Building Department, Parks Department, and the County Manager's Office. The County GI Working Group convened monthly in FY 2016-17 to meet interim milestones and stay on track for the development of the GI Plan. OOS continues to engage and update departments as the County progresses in the development of the Workplan and GI Plan required elements.

In April 2017, OOS provided a background memo to the members of the Board of Supervisors on GI and stormwater regulations to raise awareness of the goals and requirements in the MRP and the concepts, intent, and multiple benefits of GI. OOS also provided additional information to Board Members and their Aides as requested. On April 25, 2017, OOS presented the GI Workplan and recommended that the Board of Supervisors adopt a resolution approving the Workplan. OOS also prepared an accompanying memo to the Board on requirements in the MRP related to the GI Workplan and the GI Plan, and how those plans relate to the County's Shared Vision. The Board of Supervisors approved the GI Workplan on April 25, 2017. The Office of Sustainability coordinated a request to the County Manager for funding for GI Plan development. In June 2017, funding was allocated to departments for GI Plan development.

County staff have participated in several trainings and workshops related to GI. On April 7, 2017, County staff attended the Clean Watersheds for a Clean Bay project workshop led by BASMAA about the effectiveness of measures to control PCBs and mercury in urban runoff. DPW organized two County-specific GI training sessions, led by EOA, Inc., for County engineers and DPW management and staff. In the first session on April 24, 2017, County staff were trained on LID, GI requirements, and stormwater treatment measures for retrofitting streets and parking lots. In the second session on May 3, 2017, County staff were trained on locating, designing, and constructing GI measures for County projects. County staff also participated in the SMCWPPP-organized annual C.3 Workshop on June 21, 2017 which included training on LID and GI. County staff regularly participated and continues to participate in the SMCWPPP GI TAC. Through the SMCWPPP GI TAC, SMCWPPP and the consultant team provide model templates and technical support and coordinate regional approaches to meeting green infrastructure requirements.

County staff participated in the SMCWPPP GI High School Contest by reviewing and evaluating contest submissions. County staff provided outreach on GI to the public online through Facebook and Twitter posts and at public events where they shared information on stormwater and green infrastructure efforts, such as the BASMAA rain barrel rebate program. Please refer to the SMCWPPP FY 16-17 Annual Report for a summary of outreach efforts implemented.

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

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

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).

- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

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

In order to identify projects with potential for green infrastructure, the County used the BASMAA "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" (May 6, 2016) for guidance. The County reviewed a list of 338 projects that were updated for FY 2016-17. Using the BASMAA Guidance document, County staff identified 304 projects as projects with no potential or projects that are considered maintenance. OOS staff worked closely with the DPW, Parks Department, and County Manager's Office to determine if the 34 remaining projects had green infrastructure potential. After closely reviewing project information, 33 projects were determined as having no potential, being too late to change or too early to assess. OOS staff identified one project that the County is incorporating green infrastructure into project design.

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.

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 16-17 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 16-17 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(1) ► List of Regulated Projects Approved Prior to C.3 Requirements			
Project Name Project No.	Project Location⁴, Street Address	Type of Stormwater Treatment Required⁵	Type of Exemption Granted⁶
None			

⁴ Include cross streets

⁵ Indicate the stormwater treatment system required, if applicable

⁶ Indicate the type for exemption, if applicable. For example, the project was previously approved with a vesting tentative map, or the Permittee has no legal authority to require changes to previously granted approvals (such as previously granted building permits).

**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 ⁷ , Street Address	Name of Developer	Project Phase No. ⁸	Project Type & Description ⁹	Project Watershed ¹⁰	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹¹	Total Replaced Impervious Surface Area (ft ²) ¹²	Total Pre- Project Impervious Surface Area ¹³ (ft ²)	Total Post- Project Impervious Surface Area ¹⁴ (ft ²)
Private Projects											
Baltay (PLN2015-00355) - Former Scholl Subdivision	516 Santa Clara Avenue, Redwood City	Ariana Lane, LLC	N/A	4 lot subdivision	Redwood Creek	0.955	0.955	8,834	1,314	1,314	10,148
Parking lot/Road Improvements at La Honda Creek Open Space Preserve (PLN2016-00482)	La Honda Creek Open Space Preserve, La Honda	Midpeninsula Regional Open Space District (MROSD)	N/A	Road improvements and parking lot installation	Bogess Creek, Harrington Creek, and La Honda Creek	Appro x. 5,700 acres	1.85	29,105	6,575	6,575	35,775
Alta Vista Road - Private Road Resurfacing (PLN2014-00316)	Alta Vista Road at Elm Street, Montara	Cliff Bechtel for homeowners	N/A	Private Road Resurfacing	Pacific Ocean	0.688	0.688	2,000	22,260	22,260	24,260
Public Projects											
Regional Operations Center (BLD2016-02045)	501 Winslow Street, Redwood City	County of San Mateo	N/A	New 35,000 sq. ft. facility for emergency operations	Atherton Channel	1.2	1.2	0	40,811	48,523	40,811
Coyote Point Live Fire Range (BLD2016-00440)	1601 Coyote Point Drive, San Mateo	County of San Mateo	N/A	Redevelopment of County Firing Range	San Mateo Creek	442.7	0.41	4,909	7,638	7,638	12,547

⁷Include cross streets

⁸If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁹Project 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.

¹⁰State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹¹All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹²All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹³For redevelopment projects, state the pre-project impervious surface area.

¹⁴For 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 ⁷ , Street Address	Name of Developer	Project Phase No. ⁸	Project Type & Description ⁹	Project Watershed ¹⁰	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹¹	Total Replaced Impervious Surface Area (ft ²) ¹²	Total Pre- Project Impervious Surface Area ¹³ (ft ²)	Total Post- Project Impervious Surface Area ¹⁴ (ft ²)
				to add indoor firing range							
CuriOdyssey (BLD2016-00750)	1651 Coyote Point Drive, San Mateo	County of San Mateo	N/A	Redevelopment of a science and wildlife exploration center	San Mateo Creek	442.7	2.07	2,851	45,677	45,677	48,528
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 ¹⁵	Application Final Approval Date ¹⁶	Source Control Measures ¹⁷	Site Design Measures ¹⁸	Treatment Systems Approved ¹⁹	Type of Operation & Maintenance Responsibility Mechanism ²⁰	Hydraulic Sizing Criteria ²¹	Alternative Compliance Measures ^{22/23}	Alternative Certification ²⁴	HM Controls ^{25/26}
Private Projects										
Baltay Subdivision (PLN2015-00355)	December 29, 2016	March 31, 2016	Landscaping	Roof and sidewalk/walkway/patio runoff to vegetated areas; Self-treating area	Bio-retention area	O&M Agreement required prior to final of building permit for each house	2.c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Parking lot/Road Improvements at La Honda Creek Open Space	April 26, 2017	June 19, 2017	Landscaping	Roof and sidewalk/walkway/patio runoff to	Bio-infiltration	O&M Agreement required prior to final of building permit for project	3	N/A	N/A	Project is exempt from HM Controls as

¹⁵For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁶For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁷List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁸List 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.

¹⁹List 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.).

²⁰List 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.

²¹See 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).

²²For 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.

²³For 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.

²⁴Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁵If HM control is not required, state why not.

²⁶If 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 ¹⁵	Application Final Approval Date ¹⁶	Source Control Measures ¹⁷	Site Design Measures ¹⁸	Treatment Systems Approved ¹⁹	Type of Operation & Maintenance Responsibility Mechanism ²⁰	Hydraulic Sizing Criteria ²¹	Alternative Compliance Measures ^{22/23}	Alternative Certification ²⁴	HM Controls ^{25/26}
Preserve (PLN2016-00482)				vegetated areas; Conserve natural areas; limit disturbance to natural drainage systems; self-treating areas						project results in less than 1 acre of new or replaced impervious surface
Alta Vista - Private Road Resurfacing (PLN2014-00316)	July 26,2016	August 11, 2016	Retain existing vegetation as practicable	Conserve natural areas; self-treating areas; self-retaining areas	Bio-infiltration	O&M Agreement required prior to final of encroachment permit for road	1.a	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface

**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 ²⁷	Date Construction Scheduled to Begin	Source Control Measures ²⁸	Site Design Measures ²⁹	Treatment Systems Approved ³⁰	Operation & Maintenance Responsibility Mechanism ³¹	Hydraulic Sizing Criteria ³²	Alternative Compliance Measures ^{33/34}	Alternative Certification ³⁵	HM Controls ^{36/37}
Public Projects										
Regional Operations Center (BLD2016- 02045)	June 30, 2017	June 30, 2017	Storm drain; landscaping	Roof and sidewalk/walk way/driveway runoff to vegetated areas; Conserve natural areas; Minimize impervious surfaces; Interceptor trees	Bio-infiltration; Bio- retention area	Implementation of County O&M Policy required after final of building permit	Bio-infiltration - 2.c; Bio- retention – 2.c	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Coyote Point Live Fire Range (BLD2016-00440)	September 22, 2016	September 22, 2016	Storm drain; landscaping	Roof and sidewalk/walk way runoff to vegetated areas; Construct	Bio-retention area	Implementation of County O&M Policy required after final of building permit	2.c	N/A	N/A	Project is exempt from HM Controls as project results in

²⁷For public projects, enter the plans and specifications approval date.

²⁸List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁹List 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.

³⁰List 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.).

³¹List 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.

³²See 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).

³³For 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.

³⁴For 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.

³⁵Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁶If HM control is not required, state why not.

³⁷If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date ²⁷	Date Construction Scheduled to Begin	Source Control Measures ²⁸	Site Design Measures ²⁹	Treatment Systems Approved ³⁰	Operation & Maintenance Responsibility Mechanism ³¹	Hydraulic Sizing Criteria ³²	Alternative Compliance Measures ^{33/34}	Alternative Certification ³⁵	HM Controls ^{36/37}
				sidewalks/ walkways with pervious; Self- treating area						less than 1 acre of new or replaced impervious surface
CuriOdyssey (BLD2016-00750)	Not yet approved - Review is ongoing	Spring 2019, per Project Architect	Storm drain; Floor drain; Pool/Spa/ Foundation/ Refuse Areas/ Fire Sprinkler	Roof and sidewalk/walk way/ driveway runoff to vegetated areas; Conserve natural areas; Self-retaining area	Bio-infiltration	Implementation of County O&M Policy required after final of building permit	3	N/A	N/A	Project is exempt as it is not located in the HM Control Area per the HM Control Map
Comments:										

C.3.h.v.(2) ► Table of Newly Installed³⁸ 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 ³⁹ For Maintenance	Type of Treatment/HM Control(s)
Grove Subdivision - 1003 Lakeview	1003 Lakeview Way, Redwood City	Property Owner Per O&M Agreement	Bio-Swale and Catch Basins
Scala Development (Special Project)	302-364 F Street, Colma	Property Owner Per O&M Agreement	Tree Well Filters, Pervious Pavers, and Self-Retaining Areas
Pomponio Ranch	3300 Pomponio Creek Rd, San Gregorio	Property Owner Per O&M Agreement	Flow-through Device, Detention Basin
Peninsula Golf - Maintenance Yard	701 Madera Drive, San Mateo	Property Owner Per O&M Agreement	Vegetated Swales, Bio-Treatment Areas, and Catch Basins
County Live Fire Range	1601 Coyote Point Drive, San Mateo	County per County O&M Policy	Bio-retention Area

³⁸ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁹State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v. ► Special Projects Reporting Table												
Reporting Period – July 1 2016 - June 30, 2017												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁰	Status ⁴¹	Description ⁴²	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴³	LID Treatment Reduction Credit Available ⁴⁴	List of LID Stormwater Treatment Systems ⁴⁵	List of Non-LID Stormwater Treatment Systems ⁴⁶
None.												

⁴⁰Date that a planning application for the Special Project was submitted.

⁴¹ 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.

⁴²Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴³ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁴For 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.

⁴⁵: 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.

⁴⁶List 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

NA

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

Project Name and Location ⁴⁷	Project Description	Status ⁴⁸	GI Included? ⁴⁹	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁵⁰
Reset pavers outside County Parking Structure at County Government Center in Redwood City	Replacement of broken pavers and level walkway	Completed	No	The County considered incorporating GI in the replacement of the County pavers. Because the County will be undergoing a Master Planning process for the County Government Center, the County decided to address GI on a campus level. In FY 2016-17 the County replaced patches of pavers in areas that were identified as a safety hazard and GI was not incorporated.

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

Project Name and Location ⁵¹	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Serenity House Remodel Project 3701 Hacienda Street, San Mateo, CA 94403	Repurposing of County facility for Health System/Behavioral Health Recovery Services; Project includes interior remodel and installation of tranquil garden area in backyard	Project is in construction and will be completed November 2017	Bioretention areas are incorporated in the approved Serenity House construction documents.

⁴⁷ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁸ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁹ 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.

⁵⁰ 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.

⁵¹ 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.

Replace Asphalt Parking at Glenwood Boys Ranch	Replacement of asphalt in parking lot	Project completed	This project already has green infrastructure in place since the parking lot area drains to open space.
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Section 4 – Provision C.4 Industrial and Commercial Site Controls

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

Summary:
On September 2, 2016, the County received a Notice of Violation (NOV) from the Water Board for violations related to some elements of Provisions C.4 and C.5. The NOV provided required and recommended actions for the County to improve compliance with Provisions C.4 and C.5. On November 15, 2016, the County submitted a letter to the Water Board detailing the actions the County took to address and mitigate the identified violations. The County made revisions to the Business Inspection Plan (BIP), facilities list, and Enforcement Response Plan (ERP), and improved inspection procedures. On January 12, 2017, the County trained staff on the revised procedures and updated compliance documents. To date, the Water Board has not commented to the County on whether the response was adequate; however, in a letter dated January 30, 2017 to numerous cities that contract services with the County, the Water Board did acknowledge that they have reviewed the County's response and that it was "in substantial compliance with the MRP."

The County has stormwater inspection agreements with seventeen cities in San Mateo County to conduct routine and initial inspections. On January 30, 2017, the Water Board sent a Compliance Letter related to some elements of Provisions C.4 and C.5 to a number of cities in San Mateo County. On March 16, 2017 at the C/CAG Stormwater Committee meeting and in an April 3, 2017 letter, the County made known its intent to terminate stormwater inspection agreements with the cities on December 31, 2017. To support the cities, the County has been working with cities to evaluate options moving forward for maintaining MRP-compliant inspection programs. The County helped develop template BIP and ERP documents for cities to adapt and will continue to work with cities to ease the transition.

In FY 2015-16, the County began transition from a paper-based stormwater inspection process to an electronic stormwater inspection database. In FY 2016-17, the County implemented the Business Inspection Program using only the electronic stormwater inspection database and no paper reports were used.

County staff participated in the SMCWPPP Commercial and Industrial Illicit Discharge Committee. Refer to the C.4 Industrial and Commercial Site Controls section of the SMCWPPP FY 16-17 Annual Report for a description of Program activities.

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.

See Attachment C.4.b.iii. Potential Facilities List.

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

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

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

	Number	Percent
Total number of inspections conducted (C.4.d.iii.(2)(a))	235	
Number of enforcement actions or discreet number of potential and actual discharges	36	
Violations Enforcement actions or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	19	53

Comments:

Some potential violations below are considered to be resolved in a timely manner and are reflected in the count above. However, because they took longer than 10 business days, they are listed below with an explanation for your information.

INDIA BEACH RESTAURANT
 425 AVENUE ALHAMBRA, EL GRANADA
 The initial follow up inspection was conducted within 13 business days. While the original violation was resolved, the inspector cited a new potential violation that was observed. A second follow up inspection was conducted 35 business days later. The violation was still not resolved so a third follow up inspection was conducted 15 business days later, at which time the violation was corrected. The outstanding violations were not determined to be an immediate threat to stormwater and the time to compliance was adequate to protect stormwater quality.

SAN MATEO COUNTY MEMORIAL PARK
 8879 PESCADERO, LOMA MAR
 The follow up inspection was conducted 50 business days after the initial inspection. The park ranger had removed the e-waste that was left outside and brought it in immediately. However, based on the remote location of the facility, it took the inspector some time to physically verify that the violation was resolved. Based on the nature of the material stored outside, the violation was considered to be resolved in a timely manner.

MENZIES GSE MAINTENANCE
 BEHIND 730 MCDONNELL, SFIA
 Facility was corresponding by email with evidence of compliance for training, spills and immediate cleanup. Structural improvements (rain protection and haz mat storage cabinets) took longer to implement. This violation is considered to have been resolved in a timely manner considering that it is within the secure area of the airport and implementation is more complicated than other facilities.

SFIA MAINTENANCE YARD
 682 MCDONNELL, SFIA
 Facility was corresponding by email with evidence of violation corrections (photos and supporting documentation). Evidence of compliance was initiated on 1/13/17, 14 business days after the violation. Since the facility is within the secure area of the airport, the follow up inspection was

conducted in conjunction with other follow up inspections throughout the airport. However, the violations were considered resolved in a timely manner.

H & H AUTOMOTIVE
2835 MIDDLEFIELD, REDWOOD CITY

The nature of the violations were indicative of historical staining that has accumulated over time. Resolution of the violation was not confirmed within 10 business days; however, the violation was resolved and a confirmation inspection was conducted in 23 business days.

BENZ COLLISION CENTER
2740 BAY, REDWOOD CITY

The facility was observed to store used engine coolant in close proximity to a storm drain. The container was moved and improved BMPs were required. The follow up inspection was conducted 20 business days after the initial inspection; however, the operator had indicated that he would change his BMPs at the time of inspection. Upon the follow up inspection, the improved BMPs were verified; therefore, it is considered to be corrected in a timely manner.

Moss Beach Chevron
9400 Cabrillo Hwy, MOSS BEACH

The follow up inspection was conducted 20 business days after the initial inspection and is considered to be corrected in a timely manner.

SMITS, LOUIS C TR AND SMITS HELEN TR
2305 CARLOS, MOSS BEACH

The follow up inspection was conducted 20 business days after the initial inspection and is considered to be corrected in a timely manner.

ALL AMERICAN MOTORS
2701 MIDDLEFIELD, REDWOOD CITY

The follow up inspection was conducted 19 business days after the initial inspection and is considered to be corrected in a timely manner.

BURR, DIANNE BORSINI TR
1401 MAIN, MONTARA

The follow up inspection was conducted 19 business days after the initial inspection and is considered to be corrected in a timely manner.

REDWOOD CATERING
2684 MIDDLEFIELD, REDWOOD CITY

The follow up inspection was conducted 17 business days after the initial inspection and is considered to be corrected in a timely manner.

LA COSTANERA
8150 HWY 1, MONTARA

The follow up inspection was conducted 15 business days after the initial inspection and is considered to be corrected in a timely manner.

HALF MOON BAY BREWING COMPANY
390 CAPISTRANO, PRINCETON

The follow up inspection was conducted 15 business days after the initial inspection and is considered to be corrected in a timely manner.

ELIANS AUTO REPAIR
 2676 BAY, REDWOOD CITY
 The follow up inspection was conducted 14 business days after the initial inspection and is considered to be corrected in a timely manner.

JWEINAT, ELIAS AND JWEINAT, ILEANA
 171 7TH, MONTARA
 The follow up inspection was conducted 11 business days after the initial inspection and is considered to be corrected in a timely manner.

MICHOACAN PRODUCE MARKET
 3380 MIDDLEFIELD, MENLO PARK
 The follow up inspection was conducted 11 business days after the initial inspection and is considered to be corrected in a timely manner.

GLENWOOD BOYS RANCH
 400 LOG CABIN RANCH, LA HONDA
 The follow up inspection was conducted 11 business days after the initial inspection and is considered to be corrected in a timely manner.

C.4.d.iii.(2)(b) ► Frequency and Type of Enforcement Conducted

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

	Enforcement Action (as listed in ERP) ⁵²	Number of Enforcement Actions Taken
Level 1	Verbal Warning	28
Level 2	Written Warning	6
Level 3	Administrative Action	2
Level 4	Legal Action	0
Total		36

⁵²Agencies to list specific enforcement actions as defined in their ERPs.

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

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

The number of actual/potential discharges reported by Business Category in the section below are less than the number of enforcement actions reported because these discharges were not double counted for follow-up inspections when enforcement action was escalated.

Business Category ⁵³	Number of Actual Discharges	Number of Potential Discharges
Haz Mat	3	22
Food	0	7

C.4.d.iii.(2)(e) ▶ Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

The County reported 800 Walnut Street, San Bruno as a potential Industrial General Permit site to Selina Louie on July 13, 2017 but is noting the site here.

C.4.e.iii. ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/Commercial Site Inspectors in Attendance	Percent of Industrial/Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Reissued MRP: What do CEH Inspectors need to know	1/12/2017	1. Introduction from the Office of Sustainability 2. Municipal Regional Permit (MRP) Changes 3. Regional Board NOV 4. Business Inspection Plan Training Requirements	29	94	29	94

⁵³List your Program's standard business categories.

		<ul style="list-style-type: none"> 5. Enforcement Response Plan Training Requirements 6. Changes to the Inspection Report 7. Inspector Questions 				
One-on-one Stormwater Training	3/1/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3	1	3
One-on-one Stormwater Training	5/9/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3	1	3
One-on-one Stormwater Training	5/31/2017	Utilization of field-based software, MRP requirements, Inspection basics	1	3	1	3
<p>Comments: One-on-one Stormwater Training was conducted as requested and for new stormwater inspection staff.</p>						

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

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

Provide background information, highlights, trends, etc.

Summary:
 County staff continued to attend and participate in the CII Subcommittee meetings where Illicit Discharge Detection and Elimination objectives were discussed regularly.

County staff from multiple departments including the Office of Sustainability (OOS), County Environmental Health (CEH), the Department of Public Works (DPW), and the Planning & Building Department (P&B) continued to respond to complaints from the public as well as prevented future discharges by educating the public about the proper disposal methods for their solid and liquid waste.

On September 2, 2016, the County received a Notice of Violation from the Water Board for violations related to some elements of Provisions C.4 and C.5. On November 15, 2016, the County submitted a letter to the Water Board detailing the actions the County took to address and mitigate the identified violations. Related to C.5, the County updated its website with the central contact point for the public to report spills and dumping.

Although not required in MRP 2.0, DPW continued implementation of the collection screening program. DPW inspected the collection system prior to the start of the rainy season and also continued to conduct routine patrols and inspections during the rainy season.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 16-17 Annual Report for a description of activities at the countywide or regional level.

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

Summary of any changes made during FY 16-17:
 In July 2017, OOS updated their website. Staff ensured that the complaint and spill response phone number continues to be publicized.

C.5.d.iii.(1)-(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))	52	

Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	1	2%
Discharges resolved in a timely manner (C.5.d.iii.(3))	51	98%
<p>Comments:</p> <p>The County tracked 52 spill and discharge reports that were a potential threat to water quality in Unincorporated County. Nine of these complaints were made directly to OOS, DPW, or CEH, either by the public or by field inspectors that, during their routine inspection duties, make observations in the field and register their observations as complaints for tracking purposes.</p> <p>All nine complaints made directly were responded to in a timely manner. One complaint resulted in an actual discharge, and the discharge was abated in a timely manner. On December 1, 2016, a truck collision on eastbound Dumbarton Bridge was reported through the California Office of Emergency Services (Cal OES Control #:16-7212). Emergency responders were dispatched, but 60 gallons of diesel fuel were released from the truck's fuel tanks. Initially, nearly all of the diesel fuel was reported to be contained at the scene, but approximately five gallons were reported to have been released to San Francisco Bay and CalTrans conducted the cleanup. The CEH inspector communicated with CalTrans to receive updates on their cleanup efforts on January 3, 2017 and May 24, 2017. Hydrocarbon boom was placed in the Bay to collect as much diesel fuel as possible and the illicit discharge was abated by CEH on January 3, 2017 since the spill occurred directly into the Bay.</p> <p>OOS staff process and track illegal dumping and illicit discharge complaints through "Report It! SMC", a mobile app. Staff received 609 complaints through "Report It! SMC", 566 of which were illegal dumping complaints such as large or broken furniture, tires, and other household items such as mattresses. The remaining 43 complaints were determined to be potential threats to water quality (i.e., included trash, loose debris, or other small materials that could wash into the County storm drain system.) All 43 complaints were potential discharges. 42 complaints were resolved in a timely manner with pickup/cleanup efforts by DPW Roads, Recology the Sheriff's Work Program or CEH. The one complaint not resolved in a timely manner was a potential discharge reported in the summer, in which the potential for it to become an actual discharge was low. The discharge was on private property, and the County needed more than ten business days to gain access and work with the property owner to address the violation. The violation was resolved in 31 business days.</p>		

C.5.e.iii.(1) ► Control of Mobile Sources

(a) Provide your agency's minimum standards and BMPs for various types of mobile businesses (C.5.e.iii.(1)(a))
The County of San Mateo follows the minimum standards and BMPs described in the "Mobile Businesses - Best Management Practices" brochure developed by the SMCWPPP CII Subcommittee in March 2015 for the following mobile business categories: automobile washers/detailers, power washers, carpet cleaners, steam cleaners, and pet care services. The BMP brochure is included in the Program Annual Report.
(b) Provide your agency's enforcement strategy for mobile businesses (C.5.e.iii.(1)(b))
Our enforcement strategy is to open a complaint for mobile businesses observed to have stormwater discharge violations and provide a report to the discharger identifying the violation. San Mateo County then registers the violation in the mobile business section within the secure area of the Flowstobay.org website or with the SMCWPPP CII Subcommittee facilitator so other agencies are aware of the complaint. The CII

<p>Subcommittee facilitator periodically updates the Mobile Business Enforcement Information table that resides on the member's only section of the Program's website (flowstobay.org). San Mateo County will escalate the enforcement if there is a history of enforcement actions already identified in the secure mobile business section of Flowstobay.org. Enforcement actions stormwater inspectors may take are detailed in our Illicit Discharge Detection and Elimination Enforcement Response Plan (ERP).</p>	
<p>(c) Provide a list and summary of the specific outreach events and education conducted by your agency to the different types of mobile businesses operating within your jurisdiction (C.5.e.iii.(1)(c))</p>	
<p>The Program developed a regional inventory of mobile businesses in the standard BMP categories listed in the "Mobile Businesses – Best Management Practices" brochure. The BMP brochure and a transmittal letter were mailed to the business. The Mobile Cleaner Businesses BMP brochure is posted on the SMCWPPP website. The CII Subcommittee also worked with the PIP Subcommittee to send outreach messages through social media. These activities are discussed in the SMCWPPP FY16-17 Annual Report.</p>	
<p>(d) Provide number of inspections conducted at mobile businesses and/or job sites in 2016-2017 (C.5.e.iii.(1)(d)):</p>	<p>0</p>
<p>(e) Discuss enforcement actions taken against mobile businesses in 2016-2017 (C.5.e.iii.(1)(e))</p> <p>Enforcement actions are typically taken in response to a complaint or illicit discharge through our IDDE Program. Enforcement actions are tracked in the County's spill and discharge complaint tracking system required by MRP C.5.d.ii. This FY there were zero enforcement actions taken for mobile businesses.</p>	
<p>(f) List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.iii.(1)(f))</p> <p>In FY16-17 the CII Subcommittee requested the Program compile a regional inventory of mobile businesses located in San Mateo County. The inventory was developed from individual city lists and internet searches of google, yelp and yellow pages. The inventory includes automotive washing, steam cleaning, power washing, pet groomers and carpet cleaning mobile businesses. The inventory will be periodically updated with mobile businesses stormwater inspectors observe during routine field activities. The inventory is available to all Co-permittees on the members only webpage of the SMCWPPP website. The inventory is included in the SMCWPPP FY16-17 Annual Report.</p>	
<p>(g) Provide a list and summary of the county-wide or regional activities conducted, including sharing of mobile business inventories, BMP requirements, enforcement action information, and education (C.5.e.iii.(1)(g))</p>	
<p>Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 16-17 Annual Report for a description of activities at the countywide or regional level.</p>	

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a)-(d) ► Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.(3)(a))	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.(3)(c))	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.(3)(b))	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.(3)(d))
35	66	7	399
Comments:			

C.6.e.iii.(3)(e) ► Construction Related Storm Water Enforcement Actions		
	Enforcement Action (as listed in ERP)⁵⁴	Number Enforcement Actions Issued
Level 1 ⁵⁵	Verbal Warning	32
Level 2	Written Notice	9
Level 3	Written Warning & Stop Work	1
Level 4	Legal Action	2
Total		44

⁵⁴Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(3)(f) ▶ Illicit Discharges

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

C.6.e.iii.(3)(g) ▶ Corrective Actions

Indicate your reporting methodology below.

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

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.(3)(g)).	40
Total number of enforcement actions or discrete potential and actual discharges for the reporting year	44

Comments:
 This fiscal year, the County issued a total of 44 enforcement actions. Of this total, 40 violations were corrected within 10 business days.

The Planning and Building Department issued four enforcement actions at two sites that were corrected in less than 30 days:

519 Edgecliff Way: The site is a High Priority site, but not a Hillside Site. A Notice of Comply was issued on February 2, 2017 for inadequate sediment control measures. The site was re-inspected on February 23, 2017 where compliance was confirmed 14 business days from the issuance of the notice. The site is the subject of legal action by the Department's Building Inspection and Code Enforcement Sections related to illegal grading, as well as erosion and sediment control.

1615 Parrott Drive: The site is a High Priority site, but not a Hillside Site. It is a site where illegal work to build retaining walls took place in an urban residential neighborhood and where inadequate sediment control measures were observed. Notices to Comply were issued on December 22, 2016 and on January 5, 2017 for a single violation. The site was inspected again on January 17, 2017 and was found in compliance 15 business days from the issuance of the notice. The site is the subject of legal action from the Department's Building Inspection and Code Enforcement Sections related to illegal grading and construction, as well as erosion and sediment control.

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:

Planning & Building Department (P&B): P&B issued 11 enforcement actions, far fewer enforcement actions compared to past fiscal years due to the continued use of a designated Erosion Control Inspector who started with the County in December 2015. Contractors are now familiar with the Inspector's expectations as well as standards for compliance. Over the past fiscal year, the Erosion Control Inspector was promoted to Building Inspector while maintaining his erosion inspection duties. The promotion gives him additional authority to cancel building inspections if site erosion control is inadequate. This authority lends further weight to his demands, resulting in a higher rate of compliance.

Department of Public Works (DPW): DPW issued 29 verbal warnings during 46 inspections; 28 of which were proactive, on-going maintenance requests by the inspector to avoid actual problems, generally to address BMP maintenance and site management. This was an effective enforcement tool to prevent actual problems and discharges. Last year, 7 verbal warning were issued during 25 inspections.

Project Development Unit (PDU): PDU issued 3 verbal warnings during 16 inspections. All the warnings are on-going maintenance requests to repair silt fences and the contractors repaired immediately. Contractors are generally familiar with the inspector's expectations and comply with the standards. Since Project Development Unit (PDU) was established in early 2017 to oversee new construction of County capital projects, there is no comparison to previous years.

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

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

Description:

The Office of Sustainability is responsible for coordinating P&B, DPW, and PDU and tracking construction inspections. P&B is responsible for inspections of private property, which is the majority of inspections. DPW and PDU are responsible for the inspection of public projects.

This fiscal year, P&B utilized a mobile device for C.6 inspections, including automated inspection tracking and reporting features. The use of this system throughout the fiscal year resulted in better inspection tracking through fewer instances of data entry errors (i.e., site address/date errors) and missing data (i.e., untracked inspections, blank spaces). Automatic data tracking and reporting features reduced staff time related to information gathering and data cleaning. In looking at this year's data, Department staff will need to continue to further refine this program by 1) separating sites included in stormwater reporting from sites which are non-included in stormwater reporting (non-high priority/non-hillside/less than an acre sites) for which the County performs erosion control inspections; 2) continue to work with Planners to refine the process by which high priority/hillside/over an acre sites are identified in the permit system in order to ease the scheduling of erosion inspections; and 3) continued training of Erosion Control Inspector regarding setting follow-up inspection dates before the next rain event or within 10 business days.

County staff participated in the New Development Subcommittee and SMCWPPP training workshops, as listed in the C.6.f of this report. Refer to the C.6 Construction Site Control section of the SMCWPPP FY16-17 Annual Report for a description of Program and regional activities.

C.6.f.iii. ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
CALBIG 2016 Stormwater Requirements for Construction Sites Training	September 21, 2016	<ul style="list-style-type: none"> • Overview of stormwater regulations • MRP construction site inspection requirements • Stormwater inspection documentation and tracking • Construction site BMPs Resources 	25 County staff 1 DPW inspector 6 Code inspectors 7 Building Inspectors
SMCWPPP Construction Inspector Training	February 1, 2017	<ul style="list-style-type: none"> • Construction Site Stormwater Inspection (C.6) Training • Case Study: Local Coordination with Caltrans' Project 	9 P&B staff including 1 P&B inspector 13 DPW staff including 9 DPW inspectors 2 PDU staff including 1 PDU inspector

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

C.7.b.i.(1) ► Outreach Campaign

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

Summary:
See Section 7 and Section 9 of the SMCWPPP FY 16-17 Annual Report for a description of activities conducted at Countywide level.

C.7.c. ► Stormwater Pollution Prevention Education

In July 2017, the Office of Sustainability (OOS) updated their website. Staff ensured that the phone number for stormwater issues continues to be publicized.

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

The following outreach events were conducted on a countywide level by SMCWPPP and are described in detail in the Public Information and Outreach section of the SMCWPPP FY 16-17 Annual Report:

- Coastal Cleanup Day, September 17, 2016
- San Mateo County Fair, June 10-18, 2017

All other events conducted locally or done on behalf of only local agencies are added to the below table.

OOS staff provided stormwater pollution prevention outreach materials including activity books, crayons, dog waste bags, erasers, and brochures in Spanish and English while tabling at the following events: County Employee 5K Fun Run, SMC Farmers Market, Healthy Homes Tenant Resource Fair, EV Expo, Port Fest - Port of Redwood City, County of San Mateo Benefits Fair, Notre Dame de Namur University Internship Fair, America Recycles Day, Master Gardener's Plant Sale, Shoreway Environmental Center Earth Day, San Mateo County Health System Earth Week, College of San Mateo Earth Day, Seaport Center Earth Day, Marine Science Institute Earth Day on the Bay, Atherton Earth Day, Portola Valley/Woodside Earth Day, Pacifica Earth Day, Amgen Earth Day, Belmont Earth Day, STEAM Fest 2.0, Bike to Work Day Energizer Station, San Carlos Community Volunteer Expo, Maker Faire, Filoli Flower Show, North Fair Oaks Cleanup, Hillsborough Earth Day, North Fair Oaks Bike Rodeo, and the San Mateo County Fair. OOS also helped to promote the Bay Area Water Supply and Conservation Agency's (BAWSCA's) Rain Barrel Rebate Program to reduce stormwater runoff and provided outreach materials in its office space for members of the public. Outreach materials and giveaways include: household hazardous waste "Too Toxic To Trash" pamphlet, "You are the Solution to Water Pollution" pamphlet, used oil recycling pamphlet, and waste reduction/recycling information. OOS staff also participated and provided input at the Countywide Stormwater Public Information and Participation Subcommittee meetings.

Department of Public Works (DPW) and San Mateo County Flood Control District (SMCFCD) staff assisted with the Coastal Cleanup Day outreach by posting information on public bulletin boards at the County office building at 555 County Center in Redwood City and the San Francisco Bay Trail signboard along Colma Creek in South San Francisco. DPW/SMCFCD staff served as a team captain at the Coastal Cleanup Day Colma Creek site.

See the C.7 Public Outreach and Citizen Involvement Events section of SMCWPPP FY 16-17 Annual Report for a summary of activities.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
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FY 2016-2017 Annual Report
Permittee Name: County of San Mateo

C.7 – Public Information and Outreach

<p>Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.</p>	<p>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., Enviroscene presentation, pesticides, stormwater awareness)</p>	<p>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:</p> <ul style="list-style-type: none"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
<p>Coastal Clean Up at Coyote Point Recreation Area 9/16/16</p>	<p>Shoreline clean up</p>	<p>230 volunteers put in 690 hours and collected 4 cubic yards of trash.</p>
<p>Coastal Clean Up at Coyote Point Recreation Area 4/22/17</p>	<p>Shoreline clean up</p>	<p>250 volunteers put in 750 hours and collected 4.5 cubic yards of trash.</p>
<p>Colma Creek Earth Day Cleanup Event, 4/22/2017, Colma Creek in South San Francisco</p>	<p>Creek cleanup event coordinated by City of South San Francisco and County/SMCFCD staff. This event targeted the general public with focused messaging on litter reduction.</p>	<p>14 volunteers removed approximately 2.2 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.</p>
<p>Colma Creek Volunteer Day, 4/11/2017, Colma Creek in South San Francisco</p>	<p>Native planting/marsh restoration event with outreach and education messaging related to stormwater pollution prevention, litter reduction and native plant restoration.</p>	<p>29 volunteers (including students from Buri Buri Elementary, Alta Loma Middle School, SSF High School Earth Club, SSF residents, and volunteers from the Francis Drake Lodge), SMCFCFCD staff, and the County's restoration consultant planted approximately 200 native plants and removed approximately 1.1 cubic yards of trash.</p>
<p>National River Cleanup Day, 5/20/2017, Colma Creek in South San Francisco</p>	<p>Creek cleanup event coordinated by City of South San Francisco and County/SMCFCD staff. This event targeted</p>	<p>10 volunteers removed approximately 2.4 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.</p>

	the general public with focused messaging on litter reduction.	
Be Seen Keepin' It Clean community clean-up, 6/3/2017, North Fair Oaks (Unincorporated)	Community cleanup event along the streets and sidewalks in North Fair Oaks with educational information related to litter, recycling, safe disposal/recycling of household hazardous waste and reducing illegal dumping.	The event had 179 volunteers and resulted in the collection of a total of two tons of solid waste, recycling, and organics collected from curbs sidewalks and easements in North Fair Oaks neighborhoods.
Three Countywide Recycling Committee Meetings, 7/13/16, 10/19/16, and 2/22/17	The Countywide Recycling meetings are coordinated by OOS in order to integrate the various agencies that inspect, manage, and administer contracts associated with solid waste. In 2012, the meetings were expanded to include San Mateo County stormwater program representatives in an effort to improve collaboration that addresses long- term solid waste reduction goals. The meetings now integrate various topics into the agendas for stormwater, recycling, and solid waste reduction and diversion efforts.	The meetings were well attended by representatives from most of the 21 San Mateo County jurisdictions. The average attendance at these meeting was 30 attendees.

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 16-17 Annual Report for a summary of activities. County staff developed plans to prevent or reduce discharges of bacteria in the San Vicente Creek watershed related to the San Vicente Creek Water Quality Improvement Plan. The County compiled a Stormwater Runoff Best Management Practices Implementation Plan which provides a five-year plan for stormwater runoff BMPs that are currently being implemented and that will be implemented by the County to prevent or reduce bacteria discharges to San Vicente Creek. The County also collaborated with Golden Gate National Recreation Area (GGNRA) to compile a joint Pet Waste Plan that details existing BMPs and additional BMPs that the County and GGNRA will implement over the next five years to prevent or reduce pet waste discharges to San Vicente Creek. These plans were submitted to the Water Board on June 30, 2017 and revised on August 25, 2017 to incorporate feedback from the Water Board. BMPs proposed in the County's plans for San Vicente Creek include structural and non-structural approaches, ranging from increased maintenance, administrative controls, and outreach and education. Efforts to improve water quality in the San Vicente Creek watershed and surrounding areas have already been initiated through the James V. Fitzgerald ASBS Compliance Plan and several of those efforts address bacteria pollutants.

The County continued with compliance activities for the James V. Fitzgerald ASBS as detailed in the James V. Fitzgerald ASBS Compliance Plan. An updated Compliance Plan and the final monitoring report for the Central Coast ASBS Regional Monitoring Program were submitted to the State and Regional Water Quality Control Board in September 2016.

As part of Quarry Park Master Plan County Parks is assessing its road and trail network to identify needed drainage improvements and sediment reduction.

Over the past year, County Park staff continued working closely with the Resource Conservation District (RCD) to develop the best approach for reducing sediment delivery to Pescadero Creek by addressing the largest, actively-failing crossings on Old Haul Road in Pescadero Park. Parks and the RCD conducted necessary site investigations including core sampling, topographical surveys, and mapping of potential fill and stockpile sites, and have completed 65% engineered design drawings for the project. In 2017-18, Parks and the RCD plan to take the project through the regulatory approvals process, and to seek grant funding to complement the County's funding for project construction. Immediate next steps include a biological resource assessment and wetland delineation for preparation of permit applications, and to comply with the necessary steps ahead of CEQA. Upon completion of these, the project will also be better positioned for competitive grants for implementation. To complete this final planning work the County has committed additional funds, and the RCD will continue to utilize its available funding from the Integrated Watershed Restoration Program which has been funding RCD staff time to provide technical assistance.

The Dog Management Committee (DMC) is comprised of various stakeholders and interest groups and is tasked with providing recommendations concerning updating dog recreation opportunities and management policies in County Parks. Committee members were appointed by the Parks and Recreation Commission. The Committee has drafted two policy recommendations addressing owner education and the protection of natural resources with a focus on responsible and proper disposal of dog waste. The DMC began meeting monthly in September of 2016 and continued to meet throughout FY 16-17. The DMC is expected to recommend updates to the County Parks dog policies in December of 2017 to the Parks and Recreation Commission.

DPW contributed to a number of watershed stewardship programs in unincorporated San Mateo County. DPW staff continued participation in multiple watershed stewardship programs and collaborative overseen by the RCD including the Integrated Watershed Restoration Program (IWRP), Rural Roads Program, Pillar Point Harbor Water Quality, First Flush & Snapshot Days, and Butano Creek Flood Plain Restoration and Channel Restoration & Resiliency projects. DPW staff serve on the TAC committees for many of these RCD-led groups and actively participate in watershed stewardship efforts by attending meetings and reviewing key documents. DPW staff also continued participation in the Bay Area Integrated Regional Management Program (IRWMP) by serving as a Bay Area Flood Protection Agency Association (BAFPAA) participating agency. IRWMP and BAFPAA agencies work collaboratively on regional flood protection, stormwater management, and watershed issues, identify regional projects, and conduct outreach to smaller cities and watershed groups for sub-regional projects.

The County of San Mateo created the Flood Resilience Program (Program) in 2016 to address the County's areas of responsibility that are challenged by flood risks and are not covered by the County's active Flood Control zones. Since its inception, the Program has taken a regional approach to flood resilience and is actively collaborating with seven jurisdictions across multiple watersheds, including Bayfront Canal-Atherton Channel, Belmont Creek, and Navigable Slough (a tributary to Colma Creek). The Program has taken a multi-benefit approach to developing implementable flood management plans and projects within these watersheds. Although flood management is the primary objective of the Program, value added measures such as green infrastructure, stormwater pollution prevention, creek and wetlands restoration, and sea level rise are being considered. In addition to developing flood management plans and prioritizing projects to design and implement, the Program is actively seeking other funding opportunities such as grants and cooperative agreements and is implementing a community outreach platform to maintain an open dialogue with community members, other County initiatives, local and regional governments, and regulatory agencies.

C.7.f. ► School-Age Children Outreach			
<p>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.</p> <p>See the C.7 School-Age Children Outreach section of SMCWPPP FY 16-17 Annual Report for a summary of activities.</p>			
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.
Colma Creek Volunteer Day, 4/11/2017, Colma Creek in South San Francisco	Native planting/marsh restoration event with outreach and education messaging related to stormwater pollution prevention, litter reduction and native plant restoration. Prior to the start of the planting, a restoration ecologist and County/FCD biologist gave a talk about wetland ecology and storm water quality. SMCWPPP stormwater educational materials were distributed to the students and teacher.	One teacher from Alta Loma Middle School and ten students from Buri Elementary, Alta Loma Middle School, and the SSF High School Earth Club	29 volunteers (including 10 students from Buri Elementary, Alta Loma Middle School, SSF High School Earth Club, SSF residents, and volunteers from the Francis Drake Lodge), SMCFCD staff, and the County's restoration consultant planted approximately 200 native plants and removed approximately 1.1 cubic yards of trash. Reusable water bottles were given as prizes for participants who were able to answer quiz questions following presentation.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance								
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?					<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If no, explain:								
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.								
Trends in Quantities and Types of Pesticide Active Ingredients Used⁵⁶								
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount⁵⁷							
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0	0						
Active Ingredient Chlorpyrifos	0	0						
Active Ingredient Diazinon	0	0						
Active Ingredient Malathion	0	0						
Pyrethroids (see footnote #57 for list of active ingredients)	0.16 oz	0.51 oz						
Pyrethrins (Microcare 3%)	0.12 oz	0						
Deltamethrin (Suspend SC)	0.01 oz	0.51 oz						
Esfenvalerate (Onslaught)	0.03 oz	0						
Carbamates	0	0						
Active Ingredient Carbaryl	0	0						
Active Ingredient Aldicarb	0	0						
Fipronil	0	0						

⁵⁶Includes all municipal structural and landscape pesticide usage by employees and contractors. Usage was attributed to the Department of Public Works (DPW) only; Parks Department (Parks) did not use any pesticides in FY 16-17.

⁵⁷Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, and permethrin.

Indoxacarb (Arlon)	Reporting not required in FY 15-16	3.42 oz				
Diuron	Reporting not required in FY 15-16	0				
Diamides	Reporting not required in FY 15-16	0				
Active Ingredient Chlorantraniliprole	0	0				
Active Ingredient Cyantraniliprole	0	0				

Note: Product totals reported in FY 15-16 have been updated to active ingredient total for consistency with FY 16-17 reporting.

IPM Tactics and Strategies used:

The County Board of Supervisors adopted the County of San Mateo IPM as a policy document on June 8, 2010, and the County has since been implementing the policy accordingly. Following comments by Regional Board staff, County staff from multiple departments worked closely with local agencies through the SMCWPPP Parks Maintenance and IPM Work Group to review and refine standardized IPM language. The revised IPM policy document was adopted by the County Board of Supervisors on July 24, 2012 (Resolution and IPM policy were submitted to the Regional Board as an attachment to the FY11-12 Annual Report).

During FY 16 -17, the County continued to implement its IPM policy, as adopted July 24, 2012. The Department of Public Works (DPW) and the County Parks Department (Parks) require that all vegetation management decisions be consistent with the County IPM policy document. Consistent with this policy, the County Roads Department used mowing exclusively in FY 16-17 to manage roadside vegetation. Goats were used for vegetation management at closed landfill facilities, one in Pescadero and one in Half Moon Bay.

County Facilities, Maintenance and Operations (FMO) Section's standard IPM practice is to work closely with contractors and opt for less chemicals whenever possible, examples include: addressing a mite problem at one facility complex by cleaning the walls, floors and other surfaces to eliminate the mites vs spraying; preventive actions such as sealing holes and gaps in structures; the use of baits and traps instead of broadcast pesticide use; and the use of non-chemical weed control strategies such as mulching. Limited amounts of pesticides were used by the County FMO contractor to treat for pests and rodents on the outside of County facilities during FY 16-17 and are reported above. The County's increase in the use of pyrethroids in FY 16-17 was due to an increase in construction projects in the Redwood City area in the immediate vicinity of County facilities which caused more rodents to be displaced. As a result, the County used more bait stations with pyrethroids. As part of the County pesticide data management program, in FY 17-18, County FMO will require contractors to track pesticide and herbicide application using the SMCWPPP pesticide tracking Excel template.

Parks uses the following herbicides to manage noxious weed species for a variety of purposes: Roundup Pro Max, Roundup Pro, and Garlon 4 Ultra. All herbicide work is designed to minimize the amount of herbicide used and with the full range of IPM options considered including hand removal, mechanical treatment, grazing, prescribed burning, and herbicides. For noxious weed abatement we use manual and mechanical methods such as

hand-pulling and mowing to control invasive species such as yellow-star thistle. For rodent control in our facilities we use traps as opposed to other tactics for urban wildlife pests.

Parks has Vegetation Management Guidelines that guide vegetation management decisions in the County Parks including IPM. To see the Guidelines visit the County Parks website at:
<http://www.co.sanmateo.ca.us/Attachments/parks/Files/Parks%20Planning/Other%20Planning%20Efforts/Vegetation%20Mangagement%20Guidelines.pdf>

Parks Natural Resource Manager writes all of the contractor's scopes of work and prescriptions for herbicides with IPM principles in mind. None of the above listed pesticides were used by Parks. Annually, Parks obtains Pest Control Recommendations for the above listed herbicides for use within natural areas where active restoration is occurring. Each scope of work is crafted to identify which herbicides can be used, areas where herbicides should not be used in favor of other methods, and to identify areas with combinations of methods to most effectively reduce the population to avoid future use of herbicides. The Natural Resource Management program created an online reporting tool for contractors to complete after work and conducts random field checks when contractors are working. Our reporting tool provides a document of treated areas, methods (tools, herbicides, adjuvants, etc.) and amount of time spent. This tool helps us improve oversight and will lead to improved management overall. Natural Resource Management staff coordinate with Rangers on natural areas (areas less developed and often with higher resource values) and usually develop the scope of work for them for noxious weed control. All Natural Resource Management program scopes of work have IPM principles at the heart of our approach.

C.9.b. ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	9
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	8
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.	89%

Nine Parks employees applied or used herbicides within the scope of their duties this reporting year. Parks currently has nine QAC/ QAL applicators on staff. Four Parks staff members attended the SMCWPPP IPM Training on 3/8/2017 as part of their requirements to maintain current in their certification. Three Parks staff members attended the SMCWPPP IPM Target Spray Training on 4/26/2017 in an effort to maintain their certification. Five Parks staff attended continuing educations via PAPA or CAPCA. One employee who did not receive training within this reporting year is a licensed applicator who has taken training through SMCWPPP, PAPA, and CAPCA previously.

All new Parks hires for operations and natural resource management receive training on the IPM Policy as part of their new hire orientation. In 2016-17 reporting year we had two new hires and 100% of them received training on our IPM Policy. All Parks staff that apply herbicides are required to maintain current in their QAC or QAL license and stay in compliance with the amount of continuing education credits required to maintain their certification.

C.9.c. ► Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes	No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes	No,
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored</p> <p>The County's IPM Policy and contract specifications require that contractors follow IPM techniques and use pesticides only as a last resort. This is routinely conveyed to the contractors via meetings, phone calls, and/or emails. Contractors are required to obtain County staff's approval before applying pesticides, and submit tracking information and other IPM documentation as requested. If needed, County staff conducts field visits to confirm the use of IPM.</p> <p>The Parks Department staff contract for the use of herbicides on our properties. County Parks has Vegetation Management Guidelines that guide vegetation management decisions in the County Parks including IPM. To see the Guidelines visit the County Parks website at: http://www.co.sanmateo.ca.us/Attachments/parks/Files/Parks%20Planning/Other%20Planning%20Efforts/Vegetation%20Management%20Guidelines.pdf.</p> <p>County Parks Natural Resource Manager writes contractor's scopes of work and prescriptions for herbicides with IPM principles in mind. The natural resource manager identifies which herbicides can be used, areas where herbicides should not be used in favor of other methods, identifies areas with combination of methods to most effectively reduce the population to avoid future use of pesticides. The NRM program created an online reporting tool for contractors to complete after work, and conducts random field checks when contractors are working. Natural Resource Management staff coordinate with Rangers on natural areas (areas less developed and often with higher resource values) and usually develop the scope of work for them. All herbicide project scopes of work have IPM principles at the heart of the approach. Our reporting tool provides a document of treated areas, methods (tools, herbicides, adjuvants, etc.) and amount of time spent. This tool helps us improve oversight and will lead to improved management overall.</p>			

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

If yes, summarize the communication. If no, explain.

The Parks Department does not use pesticides for urban pest management. We do however, coordinate and collaborate on natural area weed invasions of interest to the County Agricultural Commissioner.

Parks and DPW staff regularly participate in the County of San Mateo Agricultural Commissioner's Weed Management Areas, a collaborative group made up of agencies, nonprofits, and interested citizens, to coordinate and discuss priority weed issues within the county and appropriate treatments, including BMPs. County staff did not observe or receive reports of water quality issues related to pesticides during the reporting period.

Parks staff attended six meetings of the San Mateo County Weed Management Area and also met regarding invasive weeds at Pillar Point Bluff.

See Section 9 of the SMCWPPP FY 16-17 Annual Report for a summary of communication with the San Mateo County Agricultural Commissioner.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire?		Yes	X	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 16-17 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 16-17 Annual Report for a summary of public outreach to residents who hire pest control and landscape professionals."

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of SMCWPPP FY 16-17 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 16-17, we participated in regulatory processes related to pesticides through contributions to the Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

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

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage, including whether the 70% mandatory trash load reduction deadline was attained. If not attained, attach and include reference to a Plan to comply with the deadline in a timely manner, which should include the Permittee's plan and schedule to install full capture systems/devices.

Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	50.8%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	28.8%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	10%
SubTotal for Above Actions	89.6%
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0%
Total (Jurisdictional-wide) % Trash Load Reduction in FY 16-17	89.6%

Discussion of Trash Load Reduction Calculation and Attainment of the 70% Mandatory Deadline:
 The County attained and reported a 74% trash load reduction in its FY 15-16 Annual Report, exceeding the non-mandatory performance guideline of 60% by July 1, 2016. The County has attained a 90% trash load reduction (including trash offsets), exceeding the mandatory trash load reduction requirement of 70% by July 1, 2017. Descriptions of the actions taken to reduce trash in the County are summarized in this section of the annual report. Methods used to calculate the reduction are consistent with the methods described in the MRP. A large portion of the increase in trash reduction reported this fiscal year (i.e., 13% of the 90%) was associated with new on-land visual trash assessments conducted for the first time in Trash Management Area (TMA) #1. Because only one year of assessments were used to calculate the reduction associated with other trash controls in this TMA, the reductions reported should be considered preliminary and are subject to change in future years based on additional assessments conducted in this TMA.

¹ See Appendix 10-1 for changes in trash levels by TMA between 2009 and FY 16-17 as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 16-17, during FY 16-17, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 16-17		
Connector Pipe Screens (Public)	166	580.0*
Installed in FY 16-17		
Connector Pipe Screens (Public)	0	3.6**
Total for all Systems Installed To-date	166	583.6
Treatment Acreage Required by Permit (Population-based Permittees)		21
Total # of Systems Required by Permit (Non-population-based Permittees)		NA

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

**Treatment due to devices installed by bordering Cities / Towns with treatment areas extending into the unincorporated portions of San Mateo County.

C.10.b.i ► Trash Reduction - Full Capture Systems				
Provide the following:				
1) Jurisdiction-wide trash reduction in FY 16-17 attributable to trash full capture systems implemented in each TMA; 2) The total number of full capture systems installed to-date in your jurisdiction; 3) The percentage of systems in FY 16-17 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained; 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.				
TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 16-17	Summary of Maintenance Issues and Corrective Actions
1	47.4%	166	0	<p>The level of maintenance needed for full trash capture devices varied by specific location or area depending on the levels of trash, frequency of street sweeping, amount of leaf litter, and the timing of storms in relation to street sweeping. Since initial installation, the Department of Public Works (DPW) Roads Division maintenance staff have found that full service cleaning with a Vac-Con truck is needed less than originally anticipated for the CPS units that were installed in combination with ARS units at the curb opening. For FY 16-17, the DPW Roads Division maintenance crews performed scheduled inspection and maintenance of the full trash capture devices with a Vac-Con truck one to two times per year, depending on location. Full trash capture devices were also regularly inspected during routine patrols by the DPW Roads Division maintenance crews. Additional maintenance was conducted on an as-needed basis throughout the rainy season as determined during the routine patrols and inspections. Crews also hand sweep in front of the ARS as needed prior to and/or during storms. No problems were reported with the functionality of the devices.</p> <p>Since January 1, 2016 (effective date of the MRP 2.0), per the County's trash full capture device O&M Program, DPW staff have been using the SMCWPPP field form template for logging inspection and maintenance, and the data are tracked electronically. During the second half of FY 16-17, DPW began working on an automation of the trash full capture device</p>
2	0.4%			
3	1.1%			
4	0.0%			
5	1.0%			
6	0.1%			
7	0.8%			
8	0.0%			
9	0.0%			
Total	50.8%			

				<p>process to allow for electronic field data collection using a handheld device and Collector for ArcGIS integrated with Survey 123 (see Attachment C.2 Survey 123). It is anticipated that this system will be in full use during FY 17-18. During FY 17-18, DPW also plans to explore the integration of trash full capture device inspection into our existing computerized maintenance management systems – Hansen or Accela.</p> <p>For FY 16-17, a total of 298 scheduled inspections were conducted at the 166 full trash capture device locations. Device maintenance was performed during 254 of the 298 inspections. None of the inspected devices (0%) were >50% full or had plugged screens.</p> <p>In FY 15-16, it was reported that six devices located in TMA 5 were observed to be >50% full primarily due to the accumulation of natural leaf litter and debris. The locations were flagged in the maintenance database and inspection and maintenance frequency was increased accordingly to ensure that accumulation levels did not exceed 50%.</p>
<p>Certification Statement: The County of San Mateo certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in a manner that meets the full capture system requirements included in the Permit.</p>				

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

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

TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	<p>In FY 09-10, DPW installed one partial-capture treatment device (ARS) along Middlefield Road. The DPW Roads Division also continues to conduct as needed on-land trash cleanups at multiple locations throughout TMA 1 in the unincorporated North Fair Oaks (NFO) community. The cleanup activities are conducted using the Sheriff's Workforce Program (SWP) and a DPW Roads Division supervisor. The cleanups typically occur once per week along an established hot spot route (i.e., 5th Ave, railroad tracks and right-of-way, Fair Oaks School outdoor litter collection containers), as well as at complaint specific locations. Approximately two to three cubic yards of litter are typically collected per cleanup day.</p> <p>The County continues to maintain the Athlone Terrace Pump Station, located in the NFO area. The station pumps stormwater from roughly half of the NFO basin to a box culvert on Marsh Road (Atherton Channel) in Redwood City. The Atherton Channel then flows to the Bayfront Canal before entering the San Francisco Bay. The pump station has a partial screening device which screens trash during low flow. The partial screening device consists of expanded metal diamond shaped screening (1.5 inches by 0.5 inches and 30 inches high) that separately surrounds both pumps in the sump. Road maintenance staff manually remove accumulated trash from the screened area on an as needed basis.</p> <p>On March 21, 2017, DPW authorized a consultant to begin work on a Trash Capture Feasibility Study (study) for the Athlone Terrace Pump Station. The study is currently underway and involves analyzing system hydrology, site constraints, device recommendations, cost estimates and trash load reduction estimates. DPW will use this information to assess future trash load reduction measures in this TMA (i.e., additional catch basin small full trash capture devices vs. enhanced street sweeping vs. pump station retrofit). The study will be finalized in Fall 2017.</p> <p>On January 10, 2017, the County Board of Supervisors approved Resolution No. 074984 authorizing the establishment of no parking zones during specified hours for street sweeping along sections of Middlefield Rd. A copy of the Resolution is included as Attachment C.10.b.ii Middlefield Rd Resolution. The remaining street sweeping enhancements that were included for this TMA in the County's Long-Term Trash Load Reduction Plan will be re-evaluated once the above-mentioned study is complete.</p> <p>The County continues to coordinate the street sweeping operations with Recology San Mateo County trash and recycling collection hauler on the synchronization of street sweeping activities with garbage and recycling collection service. This synchronization ensures maximum scheduling coordination and reduction of litter that stems from garbage/recycling collection services.</p> <p>As detailed in the County's Short- and Long-Term Trash Load Reduction Plans, the County originally planned increase storm drain inlet maintenance frequency from once per year to quarterly in the NFO area (approximately 189 catch basins/inlets). However,</p>

	<p>following investigation of trash generation levels throughout the community, DPW staff have found that trash and litter levels vary significantly throughout the community and that with installation of full trash capture devices in combination with ARS, scheduled quarterly maintenance of all catch basin inlets is not needed. The County has instead opted to conduct scheduled maintenance annually prior to the start of the rainy season and then on an as-needed basis throughout the rainy season. All full trash capture devices in "high" trash generation areas are inspected and maintained at least two times per year.</p> <p>County staff continued with targeted outreach for the NFO area including: coordination, staff attendance, and presentations at NFO Community Council illegal dumping subcommittee meetings involving the development of specific recommendations for County actions and community initiatives to address illegal dumping in NFO (i.e. video surveillance, revised ordinance, "Report It! SMC" app, outreach events). The County also promoted the "Report It! SMC" app for easy resident and staff reporting of illegal dumping in NFO and throughout unincorporated areas of San Mateo County. The Report It! SMC app has had 2678 downloads to date.</p>
2	<p>The DPW Roads Division continued to conduct on-land trash cleanups approximately twice per month in TMA 2 along 87th Street from Sullivan Avenue to Park Plaza Drive. The clean-up activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. Additionally, the DPW Roads Division crew also conducts routine patrols and litter pickup in the Broadmoor area once per week.</p> <p>On February 24, 2015, the County Board of Supervisors approved Resolution No. 073661 authorizing the establishment of no parking zones during specified hours for street sweeping along various streets in Broadmoor. A copy of the Resolution was included as an attachment to the County's FY 14-15 Annual Report. County street sweeping information is available at: http://publicworks.smcgov.org/street-sweeping-maps-and-schedules.</p> <p>In June 2014, four partial capture devices (United Stormwater ARS) were installed at the intersections of 87th Street and Village Lane and 87th Street and Washington Street.</p>
3	<p>In 2011, one partial-capture treatment device (ARS) was installed near the intersection of Valley Street and Hillside Boulevard.</p> <p>The DPW Roads Division also continued to conduct on-land trash cleanups at hot spot locations including A Street, B Street, and Reiner Street. The clean-up activities are conducted as needed using the SWP work force (generally two workers) and a DPW Roads Division supervisor. Additionally, the DPW Roads Division crew also conducts routine patrols in the Colma area once per week.</p>
4	<p>In 2011, DPW street sweeping operations staff worked closely with Recology San Mateo operations staff on the synchronization of street sweeping activities with garbage and recycling collection service. This synchronization ensures maximum scheduling coordination and reduction of litter that stems from garbage/recycling collection service.</p> <p>On June 7, 2016, the County Board of Supervisors approved Resolution No. 074572 authorizing the establishment of no parking zones during specified hours for street sweeping along various streets in TMA 4 located the unincorporated Harbor/Industrial area. A copy of the Resolution was included as an attachment in the FY15-16 report.</p>
5	<p>The DPW Roads Division continued to conduct on-land trash cleanups at hot spot locations where litter is more commonly</p>

	<p>observed within TMA 5 in the unincorporated Princeton and Moss Beach areas. The cleanup activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor and are typically conducted two times per month.</p> <p>County staff continued with activities related to litter reduction in the James V. Fitzgerald ASBS watershed in connection with the County's ASBS Compliance Plan. Tasks included routine inspection of key outfall locations for litter and debris and planning for continued education and outreach in collaboration with the San Vicente Creek Water Quality Improvement Plan.</p>
6	<p>The majority of TMA 6 is treated by full trash capture devices, but for the areas left untreated the County is relying on jurisdictional wide measures (see All TMAs below) to target trash reduction. The County also continues to coordinate the street sweeping operations with the trash and recycling collection hauler on the synchronization of street sweeping activities with garbage and recycling collection service. This synchronization ensures maximum scheduling coordination and reduction of litter that stems from garbage/recycling collection services. The County plans to conduct VTAs in TMA 6 next year and will modify the trash plan as needed based on results.</p>
7	<p>In FY 15-16, DPW completed the construction of asphalt curbs (and an adjacent pedestrian walkway) along the east side of Tower Rd (unincorporated area off of Polhemus Rd with several County facilities), allowing street sweepers to more effectively pick up street debris and significantly reduce the opportunity for trash to enter into our storm drain system. DPW staff are currently exploring whether street sweeping enhancements or target cleanups are needed for the remaining streets in this area. Future protocol visual trash assessments will be conducted in this area as well.</p> <p>Targeted outreach was conducted to a church within TMA 7 where litter had been previously documented. During the 2013 visual assessment and trash mapping verification process, the parcel was mapped as having a high trash generation rate. In June 2014, the County sent a letter to the church explaining the MRP requirements and future visual assessments. The church replied to the County with a letter stating that they would ensure that in the future the facility is clean. The church sent a letter to all organizations that use the church grounds so they are aware of the requirements and to help keep the surrounding area free of litter. The church also conducted a special cleanup and inspection of the property for litter and agreed to routinely clean and inspect the property on a monthly basis. During targeted visual trash assessments conducted over the past several years following outreach to the church, including Dec 2016 and March 2017 this FY, the assessment reach has been observed as trash category A - low trash generation rate.</p> <p>Targeted outreach was also conducted in a residential area surrounding a school in the San Mateo Highlands area. While the school is non-jurisdictional, the surrounding streets are within the County's jurisdiction. During the 2013 visual assessment and trash mapping verification process, the associated parcels were mapped as having a moderate trash generation rate. In 2013, DPW initiated the process for posting and establishment of no parking zones along streets bordering the school that were mapped as having moderate trash generation rates. The item was presented to the Board of Supervisors on August 6, 2013. Due to community opposition, the Board of Supervisors postponed the item to allow DPW staff additional time to hold community meetings and further study the extent of the problem. Subsequently, DPW management worked with the community on a voluntary effort. The effort began in April 2014 and residents agreed to voluntary cleanup of street litter and to move the vehicles during street sweeping. During this trial period, the Road Maintenance crew photographically documented trash conditions and sent regular e-mail updates to the homeowners group. Improvements have been documented and there no longer is evidence of a trash issue along the streets that surround the school. DPW staff continues to perform routine inspections and coordinate trash pickup and school</p>

	notification as needed. Future targeted protocol visual trash assessments in this area continue.
8	The DPW Roads Division conducts on-land trash cleanups at hot spot locations where litter is more commonly observed in the Pescadero area (Stage Road between Highway 1 and State Route 84 and along Pescadero Creek Road from Highway 1 to Stage Road). The cleanup activities are conducted using the SWP work force (generally two workers) and a DPW Roads Division supervisor. The cleanups typically occur two times per month.
9	The DPW Roads Division crew continued to conduct routine patrols along County-maintained roadways in the following areas: unincorporated Colma, Broadmoor, Burlingame Hills, San Mateo Highlands (along Polhemus Road, upper and lower Crystal Springs Road, Skyline Boulevard, Ralston Avenue), Emerald Lake Hills (along Edgewood Road, Canada Road, Edmonds Road, Crestview Drive), and along Guadalupe Canyon Parkway near Daly City. The patrols are conducted once per month and are specifically done to cleanup illegal dumping.
All TMAs	<p>Highlights of County local outreach and education efforts in all TMAs are provided below:</p> <p>The Office of Sustainability's (OOS) hotline and website provides comprehensive information on a variety of litter and waste diversion and reduction topics including residential, commercial and school recycling programs, reuse ideas, source reduction information, pollution prevention, information on cleanups, pickups, and drop-off events, and other news related to resource conservation issues.</p> <p>OOS led field trips, gave workshop presentations, staffed booths and tables at fairs and other events throughout the County. OOS prepared a Litter Collection Event lesson plan that is available at http://www.recycleworks.org/schools/litter_collection.html. OOS provided technical advice to teachers and administration on how to improve the schools' waste reduction program, which includes litter prevention on campus. The County continued to support and contribute staff time to the annual BayROC (Bay Area Recycling Outreach Coalition) regional media campaigns, which focused on food waste prevention for 2016-2017 and the website continues to promote the previous campaign, "Bring Your Own Bag".</p> <p>The County continues to work on and explore other jurisdiction-wide control measures including enhanced programs for uncovered loads and improved trash bin/container management through the SMCWPPP Litter Workgroup. In addition, the County participates in the SMCWPP Trash Subcommittee Workgroup working on compliance with the Municipal Regional Permit requirements on Trash Hot Spot identification, assessment, and cleanup.</p> <p>ReThink Disposable, a non-regulatory research and outreach project aimed at identifying and implementing BMPs for reducing disposable products and packaging in take-out food businesses, had conducted audits at three businesses in unincorporated County in FY 15-16. The County is currently exploring a new partnership with Clean Water Action to conduct additional audits at businesses in high trash areas.</p> <p>OOS is re-launching the Adopt-the-Block volunteer cleanup program and is in the process of developing the program guidelines, website, outreach materials and recruiting local volunteer groups. The program will allow volunteers to participate in litter cleanup</p>

	<p>throughout the unincorporated neighborhoods of the County and maintain a litter-free, more attractive community.</p> <p>County staff continued targeted outreach for Colma Creek watershed including outreach and education at Coastal Cleanup day, and other volunteer cleanup events as previously detailed in Section C.7.</p>
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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 16-17 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID <i>or (as applicable)</i> Control Measure Area	Total Street Miles ² Available for Assessment	Summary of On-land Visual Assessments ³			Jurisdictional-wide Reduction (%)
		Street Miles Assessed	% of Applicable Street Miles Assessed	Average # of Assessments Conducted at Each Site ⁴	
1	8.34	1.05	12.55%	2.6	12.7% ⁵
2	1.35	0.93	68.97%	4.0	3.6%
3	0.72	0.16	22.34%	2.0	0.0%
4	0.92	0.22	23.79%	4.0	3.0%
5	3.47	0.79	22.81%	5.0	3.7%
6	0.06	0.00	0.00%	0.0	0.0%
7	2.35	0.50	21.23%	5.2	5.8%
8	0.10	0.00	0.00%	4.0	0.0%
9	0.06	0.00	0.00%	0.0	0.0%
Total		3.65	-	-	28.8%

² Linear feet are defined as the street length and do not include street median curbs.

³ Assessments conducted between July 2015 and July 2017 are assumed to be representative of trash levels in FY 16-17 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

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

⁵ TMA #1 was not assessed in FY 15-16. Because only one year of assessments were used to calculate the reduction associated with other trash controls in this TMA, the reductions reported should be considered preliminary and are subject to change in future years based on additional assessments conducted in this TMA.

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

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction	Total Reduction Credit (%)
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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 estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

<p>Single Use Bag Ordinance</p>	<p>On November 6, 2012, the County Board of Supervisors passed a Reusable Bag Ordinance that became effective on 4/22/13. The Ordinance is available at: http://www.smchealth.org/sites/main/files/file-attachments/final_15_plastic_bag_ord_04637_0.pdf To ensure that facilities are abiding by the ordinance, plastic bags were added to the activity areas checklist on the standard stormwater facilities inspection report form. CEH inspectors will also enforce the ordinance on a complaint basis. Violations may result in fines: 1st = \$100, 2nd = \$200, 3rd = \$500 (each day single use plastic bags are distributed = 1 violation). Complaints and inspection records are maintained in the CEH EnvisionConnect electronic database. CEH continued to conduct targeted outreach for the bag ban including: maintenance of a dedicated County website - http://smchealth.org/BagBan, reusable bag giveaways, outreach on Facebook and at local events, and development of resources for retailers including fact sheets, posters, and register tent cards.</p>	<p>On behalf of all SMCWPPP Permittees, the County conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities. During routine stormwater inspections, CEH inspectors document facilities that are out of compliance with the plastic bag/polystyrene container ban and provide education on more environmentally friendly products, as needed. For the 124 stormwater inspections conducted by CEH, there were no violations of the bag ban noted. CEH will continue to work with these facilities to ensure they transition to more environmentally friendly products.</p> <p>The County developed its % trash reduced estimate using the following assumptions: 1) Single use plastic bags comprise 8% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 95% of single use plastic bags distributed in the County are affected by the implementation of the ordinance, based on the County of San Mateo's Environmental Impact Report; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by CEH. This is conservative estimate given that in FY 15-16 CEH only received complaints about 4, of the over 1900 businesses in San Mateo County that are affected by the single-use plastic bag ordinances. This results in an 86% effectiveness in reducing bags (90% x 95%).</p>	<p>Results of assessments conducted by the County on behalf of all municipalities in San Mateo County indicate that the County's ordinance is effective in reducing the number of single use plastic bags in stormwater discharges. This preliminary conclusion is based on the very small number of complaints received from customers about businesses in San Mateo County that are continuing to use single use plastic bags after ordinances were adopted. Assuming single use bags are 8% of the trash observed in stormwater discharges (based on the Regional Trash Generation Study conducted by BASMAA), the County 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 County's ordinance.</p>	<p>7%</p>	<p>10.0% (Maximum)</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 estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

<p>Expanded Polystyrene Food Service Ware Ordinance</p>	<p>On March 1, 2011, the County Board of Supervisors adopted Ordinance No. 04542 prohibiting food vendors from using polystyrene-based disposable food service ware. The ordinance is available at: http://www.smchealth.org/general-information/polystyrene-foodware-ban-information. The ordinance became effective on July 1, 2011. To ensure that facilities are abiding by the polystyrene food ware ordinance, polystyrene was added to the activity areas checklist on the standard stormwater facilities inspection report form. Enforcement is by the CEH Inspectors. Violations may result in fines: 1st = \$100, 2nd = \$200, 3rd = \$500 (each day observed using polystyrene = 1 violation). Complaints and inspection records are maintained in the CEH EnvisionConnect electronic database.</p>	<p>Although the County 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 County'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 County's ordinance because the implementation (including enforcement) of the County's ordinance is similar to the City of Los Altos' and Palo Alto's. For the 36 routine stormwater inspections conducted at food facilities, there were 2 non-compliant sites for polystyrene containers. CEH will continue to work with these facilities to ensure they transition to more environmentally friendly products.</p>	<p>Results of assessments that are representative of the County, but were conducted by the cities of Los Altos and Palo Alto, indicate that County's ordinance is effective in reducing EPS food ware in stormwater discharges. This conclusion is based on the following assessment result - an average of 95% of businesses affected by the ordinance are no longer distributing EPS food ware post-ordinance. Based on these results, the estimated average reduction of EPS food ware in stormwater discharges is 90%. Assuming EPS food ware is 6% of the trash observed in stormwater discharges, the County concludes that there has been a 5% (i.e., 6% x 90%) reduction in trash in stormwater discharges as a result of the ordinance.</p>	<p>5%</p>	
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C.10.c ► Trash Hot Spot Cleanups

Provide the FY 16-17 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 16-17.

Trash Hot Spot	New Site in FY 16-17 (Y/N)	FY 16-17 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
SCP01	N	11/2/2016	0.3	0.2	0.2	0.5	1.8 ⁶
SCP02	N	9/24/2016	1.0	0.3	0.5	0.2	0.2

⁶ Increases in FY16-17 at SCP01 were likely due to early season storms during the week preceding the cleanup. The area received approximately 1.4 inches of rainfall resulting in the first storm-related increased flow of the year and likely transported any upstream litter that may have accumulated during the dry season.

C.10.d ► Long-Term Trash Load Reduction Plan	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.	
Description of Significant Revision	Associated TMA
In FY 15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the County'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 County. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the County's baseline trash generation maps. Revised maps that incorporate these revisions were included as Appendix 10-2 in the County's FY 15-16 Annual Report.	All applicable
Change in time schedule for increasing street sweeping from FY15-16 to FY18-19. Proposed street sweeping enhancements for TMA 1 included in Long-Term Trash Load Reduction Plan will be re-evaluated following the results of the Athlone Terrace Pump Station Trash Capture Feasibility Study	1
Change in maintenance schedule for cleaning of catch basins	1

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 16-17. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 16-17	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	<p>County staff continued to implement the Colma Creek Maintenance and Monitoring Program that was started in 2005. The Program involves quarterly inspections (including documentation of trash and illegal dumping) and on average 10 cleanups per year utilizing work force from the SWP. For FY16-17, 16 SWP cleanups were conducted resulting in removal of approximately 59.7 cubic yards of litter and illegally dumped material. Additionally, County staff collaborated with the City of South San Francisco to coordinate several volunteer cleanup events (in addition to the Coastal Cleanup Day hot spot cleanup) in the lower reach of Colma Creek resulting in the removal of an additional 5.7 cubic yards of litter and illegally dumped material. County staff also coordinated two shoreline cleanups at Coyote Point in FY 16-17; volunteers removed 4 cubic yards of trash on 9/16/16 and 4.5 cubic yards of trash on 4/22/17.</p> <p>Trash reduction % related to these receiving water cleanup efforts are not currently being counted towards the County's load reduction. Trash reductions resulting from increased levels of receiving water cleanups above pre-MRP levels may be counted towards the County's load reduction in the future.</p>	<p>NA</p>	<p>NA</p>
Direct Trash Discharge Controls (Max 15% Offset)	<p>NA</p>	<p>NA</p>	<p>NA</p>

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 16-17.⁷

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L ⁸	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	134	261	308	0	702	424	198	80	0	702	47.4%	630	10	62	0	702	12.7%	60.1%
2	0	13	22	0	35	3	12	21	0	35	0.4%	15	21	0	0	35	3.6%	3.9%
3	1	30	8	0	40	12	23	4	0	40	1.1%	12	1	26	0	40	0%	1.1%
4	0	60	1	0	61	1	59	1	0	61	0%	61	0	0	0	61	3.0%	3.1%
5	3	159	0	0	162	23	139	0	0	162	1.0%	99	63	0	0	162	3.7%	4.7%
6	0	4	0	0	4	2	2	0	0	4	0.1%	2	2	0	0	4	0%	0.1%
7	1	139	6	0	146	12	129	5	0	146	0.8%	117	29	0	0	146	5.8%	6.6%
8	0	4	0	0	4	0	4	0	0	4	0%	0	3	0	0	4	0%	0%
9	171,854	2	0	0	171,856	171,854	2	0	0	171,856	0%	171,854	2	0	0	171,856	0%	0%
Totals	171,992	671	346	0	173,009	172,332	566	111	0	173,009	50.8%	172,790	130	89	0	173,009	28.8%	79.6%

⁷ Numbers reported for each TMA may not exactly sum to totals due to rounding.

⁸ Abbreviations refer to trash generating areas: L=low; M=moderate; H=high; VH=very high.

Section 11 - Provision C.11 Mercury Controls

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

See the Program's FY 2016-17 Annual Report for:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁸ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure); and

Supporting data and information necessary to substantiate the load reduction estimates.

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

If the regional or countywide mercury load reductions required by this sub-provision via Green Infrastructure by the end of the permit term are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?

X	Yes		No
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Note: MRP 2.0 states that methodologies may vary among counties, but all Permittees within a county are required to use the same method of distributing the county load reduction responsibility among Permittees. MRP 2.0 also states that any acceptable alternative load reduction criteria must be approved through an amendment to the permit.

C.11.e. ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the C.11 Mercury Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

⁵⁸BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

Section 12 - Provision C.12 PCBs Controls

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

See the Program's FY 2016-17 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁹ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure); and

Supporting data and information necessary to substantiate the load reduction estimates.

If the regional and countywide PCBs load reductions required by C.12.a are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?	X	Yes		No
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Note: MRP 2.0 states:

- Methodologies may vary among counties, but all Permittees within a county are required to use the same method of distributing the county PCBs load reduction responsibility among Permittees.
- If an alternative method of distributing the overall county PCBs load reduction responsibility among Permittees is used, it will also apply to the PCBs load reduction responsibility via Green Infrastructure (see C.12.c)
- Any acceptable alternative load reduction criteria must be approved through an amendment to the permit.

⁵⁹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

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

A summary of Program and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

Does your agency plan to seek exemption from this requirement?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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Guidance: If the above answer is **No** then further information need not be provided here.

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

A summary of Program and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

C.12.h. ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the Program's FY 2016-17 Annual Report and/or a BASMAA regional report.

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

San Mateo County Planning and Building staff review planning and building permit applications specifically for the use of copper architectural features and provide guidance on the installation and maintenance of these features (including conditions of approval relating to architectural copper); and has an ordinance (Chapter 4.100 of the San Mateo County Ordinance Code) that prohibits the discharge of washwater from cleaning and treating of copper architectural features from entering the storm drain system. Contractors are informed of this during the building permit application process. The C.3 C.6 Development Review Checklist Form (contains Architectural Copper source control measure) is distributed to building permit applicants and the flyer on Architectural Copper BMPs has been made available to applicants.

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

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

Summary:

Upon review of our Provision C.5 illicit discharge inspection data the County does not have any enforcement activities to report related to copper-containing discharges from pools, spas, and fountains.

C.13.c.iii. ► Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary:

San Mateo County has a few plating shops and other industrial facilities that use copper indoors. However, these facilities generally are held to rigorous standards for hazardous materials storage and hazardous waste management that minimizes circumstances where copper would become a stormwater issue. Copper "drag out" from dip tanks is managed using BMPs (such as the speed that materials is taken out of the tank with wet floors and secondary containment). Facilities where copper is used in process creates copper waste that is managed and recycled for its economic value. Dust is swept up to eliminate particulate that would be considered hazardous waste (by particle size).

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:

In an effort to conserve residential water consumption during FY 16-17, the County contracted with the San Mateo Resource Conservation District (RCD) to implement a water conservation rebate program for low-flow toilets with an overall goal to improve the resiliency of the water supply in San Gregorio and Pescadero watersheds in rural San Mateo County. As part of the program, RCD also provided free water conservation kits for residents served by CSA 7, CSA 11, and Loma Mar Mutual water company at two outreach events in FY 16-17: the Pescadero Art and Fun Festival on August 20, 2016 and the Pescadero Farmers Market on November 3, 2016. The Toilet Rebate Program began in June 2016 and was completed in April 2017. There were 17 program participants, and a total of 38 toilets replaced.

In FY 16-17 the Office of Sustainability (OOS) launched a new water and energy conservation program called Check It Out! Home Energy and Water Saving Toolkit. San Mateo County residents can now check out the toolkit, stocked with supplies and measuring devices that will help lower utility bills while saving natural resources, at all branches of the San Mateo County and Peninsula Library System. Residents get to keep several supplies including two faucet aerators, one low-flow showerhead, and waterleak detection tablets. Devices that enable the measurement of water use are to be returned to the library in the toolkit box and include a water flow rate bag that measures the true rate of flow from faucets and showerheads. The accompanying Handbook provides step-by-step directions on how to measure the energy use and water use of appliances and equipment in your home, and then shows how to reduce that energy and water use. For more info, visit smcenergywatch.com/node/214.

OOS's Sustainability Academy (Academy) offers San Mateo County community members with no-cost educational offerings around sustainability, including water conservation. Example educational offerings that provide information on water conservation include the Academy's 1-hour water webinar (offered once a year) and an 8-week master course (Master Resource Conservation), which is offered once a year.

Additionally, the County promoted water efficiency programs offered by the Bay Area Water Supply and Conservation Agency (BAWSCA) while tabling at community events. County staff also provided residents with information on less toxic pest control provided by Our Water Our World at

community events. The OOS website promotes additional water saving tips and provides residents with contact information to local water agencies to contact for water rebate programs.

The County's Water Efficient Landscaping Ordinance

(<http://planning.smcgov.org/sites/planning.smcgov.org/files/documents/files/Water%20Efficient%20Landscape%20Ordinance%20%2801-01-10%29.pdf>) became effective on January 1, 2010. It requires water efficiency measures for over 2,500 sq. ft. of developer installed landscaping and over 5,000 sq. ft. of homeowner-provided landscaping. In addition, in the Coastal Zone, the County's Local Coastal Program and Design Review policies promote the use of drought tolerant and native vegetation for all landscaping projects.

The County follows its Illicit Discharge Detection and Elimination Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. There were no reported potential or actual discharges of large volume landscape irrigation runoff in FY 16-17.

The County promoted measures to minimize runoff and pollutants loading through the Office of Sustainability outreach efforts, James V. Fitzgerald Area of Special Biological Significance Pollution Reduction Program, and through participation in the Countywide Program's public outreach efforts. Please see the following websites for specific outreach materials:

<http://sustainability.smcgov.org/>

<http://www.flowstobay.org/bayfriendly>

<http://www.flowstobay.org/pestcontrol>

<http://www.flowstobay.org/teameffort>

<http://www.flowstobay.org/publications>

<http://smchealth.org/asbs>

In addition, see Section C.9.e.ii of SMCWPPP's FY 16-17 Annual Report for a description of SMCWPPP's activities related to point-of-purchase outreach which promotes less toxic pest control and landscape management. See Section C.7 of SMCWPPP's FY 16-17 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).

County of San Mateo FY 2016-2017 Annual Report

**ATTACHMENTS
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Attachment C.10

C.10.b.ii Middlefield Road Resolution 14



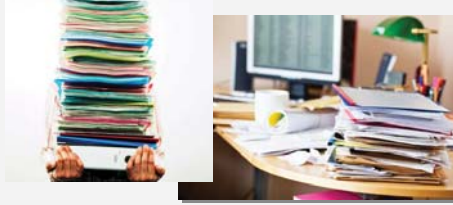
Automation of Storm Drains Inspection Process

Old Process

1 Fill out paper forms in the field



2 Transport forms to the office



3 Type forms data into Excel

ID	Inspection Date	Inspector	Evidence of Observed Flooding?	Due to Plugged Inlet or Full Inlet?	Inlet 50% Full?	Repair Needed?	Cleaned?	Comments/Corrective Actions
1	11/08/2016		N	N	N	N	N	No trash or debris located immediately in front of catch basin or on grate opening
2	11/08/2016		Y	N	N	Y	Y	Catch basin open to be cleaned
3	11/08/2016		N	N	N	N	N	Trap clean in front of basin and strainer
4	11/08/2016		N	N	N	N	N	No sediment in the catch basin
5	11/08/2016		N	N	N	N	N	No vegetation or root growth present
6	11/08/2016		N	N	N	N	N	Pipe is registered and secure at basin wall
7	11/08/2016		Y	Y	Y	Y	Y	Need replacement
8	11/08/2016		N	N	N	N	N	Inlets are intact and functional
9	11/08/2016		N	N	N	N	N	Inlets are intact and functional
10	11/08/2016		N	N	N	N	N	No vegetation or root growth present
11	11/08/2016		Y	Y	Y	Y	Y	Manually rake in front of inlets to remove accumulated sediments
12	11/08/2016		N	N	N	N	N	No vegetation or root growth present
13	11/08/2016		N	N	N	N	N	Clean sediment and trash off grate

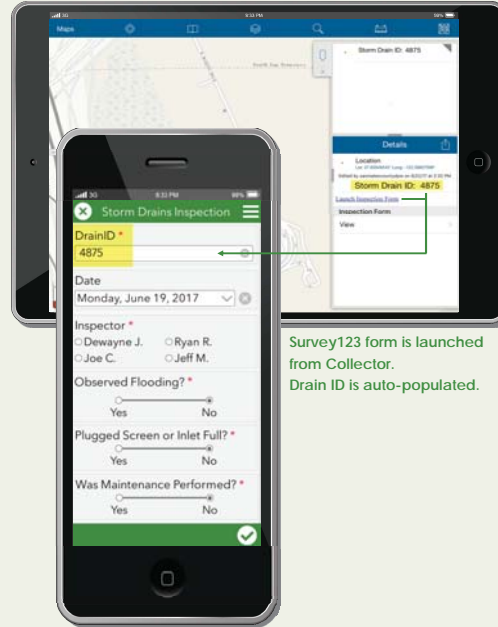
4 View tabular data

Disadvantages:

- Time consuming process
- Duplication of efforts
- Room for errors

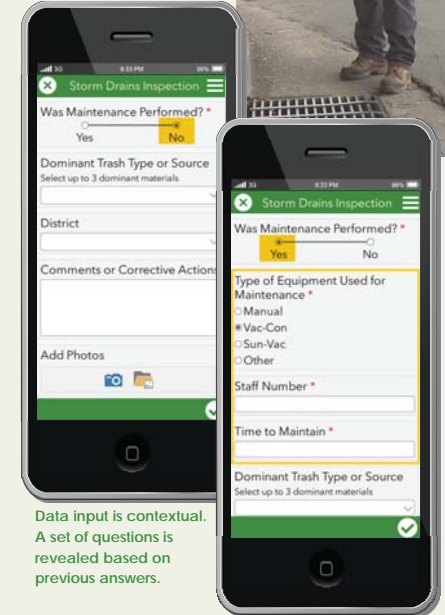
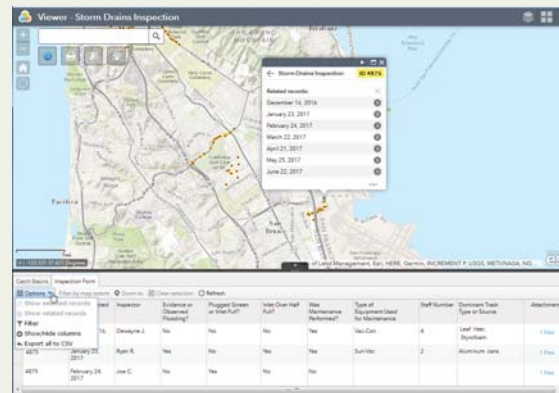
Current Process

1 Fill out digital forms in the field using Collector integrated with Survey123



Survey123 form is launched from Collector. Drain ID is auto-populated.

2 View tabular and spatial data in the office



Data input is contextual. A set of questions is revealed based on previous answers.

Advantages:

- Map of all collected data and photos is immediately available for office staff
- No need to retype
- One click to create a report

RESOLUTION NO. 075143

BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA

* * * * *

**RESOLUTION APPROVING A WORKPLAN TO DEVELOP A GREEN
INFRASTRUCTURE PLAN IN ACCORDANCE WITH PROVISION C.3.J OF THE
MUNICIPAL REGIONAL PERMIT**

RESOLVED, by the Board of Supervisors of the County of San Mateo, State of California, that

WHEREAS, the San Francisco Bay Regional Water Quality Control Board’s Municipal Regional Permit (MRP) regulates stormwater discharges from municipal storm drain systems throughout San Mateo County; and

WHEREAS, Provision C.3.j of the MRP requires each permittee to develop a Green Infrastructure Plan demonstrating how permittees will shift from traditional “gray” storm drain infrastructure—which channels polluted runoff directly into receiving waters without treatment—to a more resilient and sustainable storm drain system comprised of “green” infrastructure, which captures, stores, and treats stormwater; and

WHEREAS, the MRP also requires Green Infrastructure Plans be collectively designed to achieve specific load reductions in mercury and PCBs (polychlorinated biphenyls) by specific deadlines; and

WHEREAS, all permittees under the MRP are required to approve by June 30, 2017 a workplan for developing a Green Infrastructure Plan; and

WHEREAS, the City/County Association of Governments of San Mateo County

(C/CAG) is working with its member agencies, including County of San Mateo staff members, to develop model green infrastructure planning documents, including a model workplan; and

WHEREAS, the San Mateo County Green Infrastructure Workplan, attached to the Board of Supervisors' memo on this subject topic, details the tasks required to develop a Green Infrastructure Plan compliant with MRP requirements, including aspects to be implemented by C/CAG and by local agencies; and

WHEREAS, the County of San Mateo is committed to complying with requirements of the MRP; and

WHEREAS, it is the intent of the County of San Mateo to allocate resources to ensure timely development of a Green Infrastructure Plan in accordance with MRP requirements.

NOW THEREFORE, BE IT RESOLVED that the President of the Board of Supervisors shall be, and is hereby authorized and directed to approve the Green Infrastructure Workplan to develop a Green Infrastructure Plan, and the Clerk of the Board shall attest the President's signature thereto.

* * * * *

Regularly passed and adopted this 25th day of April 2017

AYES and in favor of said resolution:

Supervisors: _____ *DAVE PINE*

_____ *CAROLE GROOM*

_____ *DON HORSLEY*

_____ *WARREN SLOCUM*

_____ *DAVID J. CANEPA*

NOES and against said resolution:

Supervisors: _____ *NONE*

Absent Supervisors: _____ *NONE*



*President, Board of Supervisors
County of San Mateo
State of California*

Certificate of Delivery

I certify that a copy of the original resolution filed in the Office of the Clerk of the Board of Supervisors of San Mateo County has been delivered to the President of the Board of Supervisors.



Assistant Clerk of the Board of Supervisors

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
L&M TRANSMISSION	451	1ST	REDWOOD CITY
GHERKINS SANDWICH SHOP	171	7TH	MONTARA
JWEINAT, ELIAS AND JWEINAT, ILEANA	171	7TH	MONTARA
UNITED STATES POSTAL SERVICE	215	7TH	MONTARA
ASIG SFO FUEL CO LLC	904	ACCESS	SFIA
AIR STATION SAN FRANCISCO	1020	ACCESS	SFIA
UNITED AIRLINE MOC	800	AIRPORT	SFIA
HARLOES AUTOMOTIVE	850	AIRPORT	MOSS BEACH
SPEEDWAY AUTO REPAIR	850	AIRPORT	MOSS BEACH
MAIN STREET SERVICE	860	AIRPORT	MOSS BEACH
AMERIGAS HMB	2687	AIRPORT	MOSS BEACH
GIN MON CHINESE RESTAURANT	1079	ALAMEDA DE LAS PULGAS	BELMONT
COUNTRY CORNER	3207	ALAMEDA DE LAS PULGAS	MENLO PARK
FIRE STATION #4	3322	ALAMEDA DE LAS PULGAS	MENLO PARK
LUTTICKEN INC	3535	ALAMEDA DE LAS PULGAS	MENLO PARK
AVANTI PIZZA FRESH PASTA	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
COUNTRY CLUB CLEANERS	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
PLANTATION DELI CAFE ESPRESSO	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
DUTCH GOOSE, INC	3567	ALAMEDA DE LAS PULGAS	MENLO PARK
STARBUCKS COFFEE CO	3590	ALAMEDA DE LAS PULGAS	MENLO PARK
CHEVRON STATION	3600	ALAMEDA DE LAS PULGAS	MENLO PARK
FLEA STREET CAFE	3607	ALAMEDA DE LAS PULGAS	MENLO PARK
PG&E: San Francisco Airport Substation		ANGUS AVE & SIXTH	SAN BRUNO
PENINSULA EQUINE	100	ANSEL	MENLO PARK
PORTOLA VALLEY TRAINING CENTER	100	ANSEL	MENLO PARK
EASY MART #1	61	AVENUE ALHAMBRA	EL GRANADA
INDIA BEACH RESTAURANT	425	AVENUE ALHAMBRA	EL GRANADA
SFIA MILLBRAE PUMP STATION		AVIADOR AVE & ROBLAR	SFIA
ELIANS AUTO REPAIR	2676	BAY	REDWOOD CITY
EUROPEAN MOTORS	2690	BAY	REDWOOD CITY
ESR	2732	BAY	REDWOOD CITY
BENZ COLLISION CENTER	2740	BAY	REDWOOD CITY
CHEMCO SYSTEMS INC	2800	BAY	REDWOOD CITY
FRENCH CONNECTION BAKERY	2810	BAY	REDWOOD CITY
LARSON ELECTRONIC GLASS	2840	BAY	REDWOOD CITY
ICE OASIS	3140	BAY	REDWOOD CITY
PAWPRINTS	3166	BAY	REDWOOD CITY
MOSS BEACH DISTILLERY RESTAURANT	120	BEACH	MOSS BEACH
BARBOUR JOHN D TR	140	BEACH	MOSS BEACH
PESCADERO TRANSFER STATION	1	BEAN HOLLOW	PESCADERO
BEAN HOLLOW RANGE - PESCADERO	1000	BEAN HOLLOW	PESCADERO
Verizon Wireless Hwy 1 & Pescadero	1000	BEAN HOLLOW	Pescadero
MENZIES GSE MAINTENANCE		BEHIND 730 MCDONNELL	SFIA
ASIG		BLDG 1070	SFIA
UAL-GSE		BLDG 642 GSE SERVICE	SFIA

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
FedEx Express Corp-SFOR		BLDG 900 NORTH ACCESS	San Francisco
SAN FRANCISCO COMMUNITY COLLEG		BLDG 928	SFIA
Delta Air Lines, Inc.-SFO Terminal		BOARDING AREA C RAMP SFO	SFIA
SFIA TERMINAL 2		BTW BOARDING AREAS C & D	SFIA
SFIA BOARDING AREA A		BTW GATES A6 & A4, SFO	SFIA
SFIA BOARDING AREA G		BTW GATES G93 & G95, SFO	SFIA
BRENNAN, JOHN J AND TIURA, JAN V	900	BUENA VISTA	MOSS BEACH
BIANCHI FLOWERS INC.	243	BUTANO CUT OFF	PESCADERO
PESCADERO HIGH SCHOOL	350	BUTANO CUT OFF	PESCADERO
LA HONDA PESCADERO USD	360	BUTANO CUTOFF	PESCADERO
WESTLAND NURSERY	370	BUTANO CUTOFF	PESCADERO
Gazos Alliance	5720	Cabrillo	Pescadero
Caltrans-Devil's Slide Tunnel (Maintenance & Operations)	6000	Cabrillo	Montara
Verizon Wireless: Hwy 1 & Montara	8888	Cabrillo	Montara
Moss Beach Chevron	9400	Cabrillo	Moss Beach
FISH N FRITES	8465	CABRILLO HIGHWAY	MONTARA
PIE RANCH	1701	CABRILLO HWY	PESCADERO
BALTIC PESCADERO LLC	6150	CABRILLO HWY	PESCADERO
OCEAN VIEW INN	8425	CABRILLO HWY	MONTARA
NEIGHBORHOOD GAS MART	8445	CABRILLO HWY	MONTARA
FAY, RUDIO H	8455	CABRILLO HWY	MONTARA
HARNG, LUO JING	8465	CABRILLO HWY	MONTARA
WAYNE, ROWEN DARL & ILSE E	8485	CABRILLO HWY	MONTARA
MONSTER CHEF	10151	CABRILLO HWY	HALF MOON BAY
R CEVASCO NURSERY INC	10510	CABRILLO HWY	PESCADERO
HIGHWAY ONE BREWING COMPANY	5720	CABRILLO HWY 1	PESCADERO
WEST COAST SURGICAL, LLC	141	CALIFORNIA	HALF MOON BAY
BORTOLOTTI, DAN & LINDA TRS	500	CALIFORNIA	MOSS BEACH
SPICOLI PIZZA	270	CAPISTRANO	PRINCETON
OCEANO HOTEL & SPA	280	Capistrano	EL GRANADA
BARBARAS FISH TRAP- ISSUED IN 1977	281	CAPISTRANO	PRINCETON
HALF MOON BAY BREWING COMPANY	390	CAPISTRANO	PRINCETON
SEVILLE TAPAS, INC	450	CAPISTRANO	HALF MOON BAY
OLD PRINCETON LANDING	460	CAPISTRANO	EL GRANADA
Delta Air Lines, Inc. - SFO Cargo		CARGO/GSE SF INTL AIRPORT	SFIA
SMITS, LOUIS C TR AND SMITS HELEN TR	2305	CARLOS	MOSS BEACH
M B P O LTD	2315	CARLOS	MOSS BEACH
ODYSSEY PIZZERIA & CAFE	2350	CARLOS	MOSS BEACH
BLUE BUILDING	2355	CARLOS	MOSS BEACH
FALVEY, MARTIN TR AND FALVEY, ELIZABETH TR	2385	CARLOS	MOSS BEACH
SWISSPORT FUELING		CENTRAL TERMINAL	SFIA
ARTS FINISHING INC	865	CHERRY	SAN CARLOS
CUTTER SCOUT RESERVATION	2500	CHINA GRADE	BOULDER CREEK
RUDYS GREENHOUSES	2975	CLOVERDALE	PESCADERO
WESTLAND NURSERY #1	3439	CLOVERDALE	PESCADERO

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
DASSEL'S PETROLEUM INC PESCADERO STORAGE	4525	CLOVERDALE	PESCADERO
OKU INC	4525	CLOVERDALE	PESCADERO
FAA CONTROL TOWER		CONTROL TOWER	SFIA
PRINCETON CORP YARD	203	CORNELL	PRINCETON
BARBOUR, JOHN D TR		CORNER LOT ON OVAL	MOSS BEACH
SFIA COMMUNICATIONS		COURTYARD #3, SFO	SFIA
BARBOUR, JOHN D TR		CROSS ST IS LOS BANOS AVE	MOSS BEACH
XENIA CONCEPTS	221	CYPRESS	MOSS BEACH
CYPRESS MEADOWS	343	CYPRESS	MOSS BEACH
MAZZANTI CARNATIONS INC	50	DEARBORN PARK	PESCADERO
CABRILLO FARMS AGRICULTURE	6	DENNISTON CREEK	MOSS BEACH
A COZZOLINO NURSERY	105	DIGGES CANYON	HALF MOON BAY
NEW SOUTH PARKING		DOMESTIC PKNG -3RD FLR	SFIA
A & M AUTO DISPOSAL	786	DOUGLAS	REDWOOD CITY
MIDNIGHT AUTOMOTIVE	817	DOUGLAS	REDWOOD CITY
MOUNTAIN VIEW PHARMACEUTICALS	3475	EDISON	MENLO PARK
5th Ave Shell #138	3201	EL CAMINO REAL	Redwood City
LA HONDA CORP YARD	59	ENTRADA	LA HONDA
SMCO THHW	59	ENTRADA	LA HONDA
AT&T California - PC017	60	Entrada	La Honda
AT&T California - PC004	740	Etheldore	Moss Beach
GUNTREN, JOSEPH T	818	ETHELDORE	MOSS BEACH
HENDRICKSON, JAMES AND HENDRICKSON, TERESA	887	ETHELDORE	MOSS BEACH
FAA REMOTE TRANSMITTER RECEIVER		FAA RTR	SFIA
NICHOLS CONCRETE CUTTING	2625	FAIR OAKS	REDWOOD CITY
DEANS ANODIZING INC	2643	FAIR OAKS	REDWOOD CITY
JOSES AUTO MECHANIC	2727	FAIR OAKS	REDWOOD CITY
SANTOS AUTO REPAIR	2803	FAIR OAKS	REDWOOD CITY
D & L PRECISION REBUILDING, INC	2821	FAIR OAKS	REDWOOD CITY
A & A ADVANCE	2959	FAIR OAKS	REDWOOD CITY
FIRE STATION #5	4101	FAIR OAKS	MENLO PARK
FAIR OAKS SCHOOL	2950	FAIR OAKS & OAKSIDE	REDWOOD CITY
CLOS DE LA TECH, LLC	1000	FERN HOLLOW	WOODSIDE
San Francisco International Service Center	660	Field	San Francisco
JOE'S AUTO REPAIR	2904	FLOOD	REDWOOD CITY
LEONARDO AUTO MECHANIC	2936	FLOOD	REDWOOD CITY
MARSH MANOR LIQUORS	3700	FLORENCE	REDWOOD CITY
LOS GALLOS TAQUERIA	3726	FLORENCE	REDWOOD CITY
FREEWHEEL BREWING CO	3736	FLORENCE	REDWOOD CITY
MARSH MANOR CLEANERS	3760	FLORENCE	REDWOOD CITY
YAT SING	3770	FLORENCE	REDWOOD CITY
HALF MOON BAY ORCHIDS	37K	FRENCHMANS CREEK	HALF MOON BAY
FAA HALF MOON BAY RCAG		FRENCHMANS CREEK	EL GRANADA
HOCHE-MONG RAYMOND & EMILY TRS	835	GEORGE	MONTARA
AT&T California - PC038	115	Goulson	Pescadero

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
SMITH TRUCKS & EQUIPMENT	222	HARVARD	PRINCETON
PRINCETON WELDING, INC.	231	HARVARD	HALF MOON BAY
GIUSTI FARMS	1800	HIGGINS CANYON	HALF MOON BAY
COASTWAYS RANCH INC	640	HWY 1	PESCADERO
EL GRAN AMIGO	2448	HWY 1	MOSS BEACH
CASCADE RANCH	3100	HWY 1	PESCADERO
BEACH HOUSE	4100	HWY 1	EL GRANADA
MUZZI RANCH	7830	HWY 1	PESCADERO
LA COSTANERA	8150	HWY 1	MONTARA
HALF MOON BAY AIRPORT	9850	HWY 1	HALF MOON BAY
THREE ZERO CAFE	9850	HWY 1	MOSS BEACH
MARCHI CENTRAL FARM	12720	HWY 1	PESCADERO
MONTARA PUMP STATION		HWY 1 AT 16TH	MONTARA
LA HONDA COUNTRY MARKET	8875	HWY 84	LA HONDA
CALIFORNIA EVERGREEN RANGE	550	HWY 92	HALF MOON BAY
Ameresco Half Moon Bay	12310	HWY 92	Half Moon Bay
BFI OX MOUNTAIN	12310	HWY 92	HALF MOON BAY
LEMON FARM	12320	HWY 92	HALF MOON BAY
LA NEBBIA WINERY	12341	HWY 92	HALF MOON BAY
A REPETTO NURSERY	12351	HWY 92	HALF MOON BAY
PYRO SPECTACULARS NORTH INC	12344	HWY 92	HALF MOON BAY
BRITISH AIRWAYS		INTERNATIONAL TERMINAL	SFIA
ALASKA AIRLINES		Int'l Terminal A, Level 1	SFIA
WOODSIDE FIRE STATION #19	4091	Jefferson	Redwood City
PILLAR POINT FUEL DOCK	1	JOHNSON PIER	HALF MOON BAY
PILLAR POINT HARBOR	1	JOHNSON PIER	HALF MOON BAY
KETCH JOANNE & HARBOR BAR	17	JOHNSON PIER	HALF MOON BAY
HALF MOON BAY SPORTFISHING	27	JOHNSON PIER	HALF MOON BAY
JOANNES HARBOR CAFE	15	JOHNSON PIER PILLAR POINT	PRINCETON
EXCLUSIVE AUTO CARE AND AUTO BODY	830	KAYNYNE	REDWOOD CITY
APPLE JACKS	8790	LA HONDA	LA HONDA
Lakeview Reservoir	815	LAKEVIEW	Redwood City
SKYLAWN FUNERAL HOME	100	LIFEMARK	SAN MATEO
SAN MATEO COUNTY RADIO SERVICES	150	LIFEMARK	HALF MOON BAY
L-3 RANDTRON ANTENNA SYSTEMS	200	LIFEMARK	HALF MOON BAY
LOG CABIN RANCH	500	LOG CABIN	LA HONDA
GLENWOOD BOYS RANCH	400	LOG CABIN RANCH	LA HONDA
REDWOOD CITY TRANSMISSION	412	MACARTHUR	REDWOOD CITY
DELUX TRANSMISSIONS	415	MACARTHUR	REDWOOD CITY
B & J TOWING	427	MACARTHUR	REDWOOD CITY
SFIA CENTRAL PUMP STATION		MADRONE ST & MONTEREY	SFIA
MCGREGOR, PAUL W & CHRISTINE M	1300	MAIN	MONTARA
BING, HUEY	1301	MAIN	MONTARA
MCGREGOR, PAUL W & CHRISTINE M	1350	MAIN	MONTARA
MCGREGOR, PAUL W & CHRISTINE M	1390	MAIN	MONTARA

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
MONTARA CAFE & BAKERY	1400	MAIN	MONTARA
BURR, DIANNE BORSINI TR	1401	MAIN	MONTARA
THE ROBECK GROUP LLC	1409	MAIN	MONTARA
DELLANINA, ELDEN & SANDRA J TRS AND ALVAREZ, DEBRA JO	1415	MAIN	MONTARA
TRACY HAND CAR WASH	701	MARSH	MENLO PARK
POOLS ETC	763	MARSH	MENLO PARK
SFIA MAINTENANCE FUELING STATION	14	MCDONNELL	SFIA
SFIA APOE/SPOE	56	MCDONNELL	SFIA
PEGASUS AVIATION SERVICES	606	MCDONNELL	SFIA
BOMBARDIER	679	MCDONNELL	SFIA
SFIA MAINTENANCE YARD	682	MCDONNELL	SFIA
AT&T Mobility - SFO CAR RENTAL OVLY - SF0772 (USID12850)	780	McDonnell	San Francisco
AVIS Rent a Car System, LLC	780	MCDONNELL	SFIA
Budget Rent A Car System, Inc.	780	MCDONNELL	SFIA
Enterprise/Alamo/National SFO QTA	780	McDonnell	San Francisco
MARINAS CAFE 2	780	MCDONNELL	SFIA
FOX RENT A CAR	782	MCDONNELL	SFIA
Hertz Rent-A-Car (1241-15)	782	MCDONNELL	SFIA
SFIA SHUTTLE BUS	790	MCDONNELL	SFIA
MEL LEONG TREATMENT PLANT		MEL LEONG TREATMENT PLANT	SFIA
BARBOUR, JOHN D TR		MIDDLE LOT	MOSS BEACH
LAS JUNTAS RESTAURANT	2505	MIDDLEFIELD	REDWOOD CITY
SAN FRANCISCO FINE BAKERY	2537	MIDDLEFIELD	REDWOOD CITY
KASSANDRAS STORE	2579	MIDDLEFIELD	REDWOOD CITY
VEGAS MARKET & GRILL	2585	MIDDLEFIELD	REDWOOD CITY
SR CITIZENS NUTRITION PROGRAM	2600	MIDDLEFIELD	REDWOOD CITY
REYNOSO AUTO REPAIR	2627	MIDDLEFIELD	REDWOOD CITY
GARCIA'S AUTO BODY	2635	MIDDLEFIELD	REDWOOD CITY
UNIVERSAL AUTO SERVICES	2647	MIDDLEFIELD	REDWOOD CITY
CALIFORNIA AUTO WORKS LLC	2666	MIDDLEFIELD	REDWOOD CITY
A & S AUTOMOTIVE	2670	MIDDLEFIELD	REDWOOD CITY
AIDS COMMUNITY RESEACH CONSORTIUM	2684	MIDDLEFIELD	REDWOOD CITY
CENTERLINE MEDICAL LLC	2684	MIDDLEFIELD	REDWOOD CITY
REDWOOD CATERING	2684	MIDDLEFIELD	REDWOOD CITY
Superior Pool Products LLC	2692	MIDDLEFIELD	Redwood City
ALL AMERICAN MOTORS	2701	MIDDLEFIELD	REDWOOD CITY
OSUNA AUTO REPAIR	2802	MIDDLEFIELD	REDWOOD CITY
MAZZOCCOS SPORTS BAR	2808	MIDDLEFIELD	REDWOOD CITY
7 MARES SEAFOOD RESTAURANT	2809	MIDDLEFIELD	REDWOOD CITY
JOSHUA CHARLES CATERING	2832	MIDDLEFIELD	REDWOOD CITY
H & H AUTOMOTIVE	2835	MIDDLEFIELD	REDWOOD CITY
CATRINAS TAQUERIA	2855	MIDDLEFIELD	REDWOOD CITY
EL PAISANO CARNICERIA Y MERCAD	2856	MIDDLEFIELD	REDWOOD CITY
LA TIENDITA MARKET	2875	MIDDLEFIELD	REDWOOD CITY
MALDONADOS AUTO BODY & PAINT	2900	MIDDLEFIELD	REDWOOD CITY

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
COOPERS AUTO REPAIR	2901	MIDDLEFIELD	REDWOOD CITY
HOLT TOOL & MACHINE INC	2909	MIDDLEFIELD	REDWOOD CITY
HERNANDEZ WELDING	2928	MIDDLEFIELD	REDWOOD CITY
LA CASITA CHILANGA	2928	MIDDLEFIELD	REDWOOD CITY
CG & E AUTO BODY	2933	MIDDLEFIELD	REDWOOD CITY
EL GRULLENSE #2	2940	MIDDLEFIELD	REDWOOD CITY
PANADERIA MICHOACAN	2940	MIDDLEFIELD	REDWOOD CITY
GUANACO RESTAURANT	2950	MIDDLEFIELD	REDWOOD CITY
MEINEKE	3041	MIDDLEFIELD	REDWOOD CITY
LOS MANGUITOS	3133	MIDDLEFIELD	REDWOOD CITY
MARTINS	3143	MIDDLEFIELD	REDWOOD CITY
HOMETOWN NOODLE	3151	MIDDLEFIELD	REDWOOD CITY
MONARCA ICE CREAM SHOP	3196	MIDDLEFIELD	REDWOOD CITY
PENA MEAT & FOOD MARKET	3198	MIDDLEFIELD	REDWOOD CITY
EL RINCON TARAZCO RESTAURANT	3200	MIDDLEFIELD	MENLO PARK
MEXCAL	3215	MIDDLEFIELD	MENLO PARK
ZOHRABS ARCO GARAGE	3233	MIDDLEFIELD	MENLO PARK
PANADERIA MICHOACAN #2	3266	MIDDLEFIELD	MENLO PARK
CHAVEZ SUPERMARKET	3282	MIDDLEFIELD	MENLO PARK
LAS PARRILLAS RESTAURANT	3282	MIDDLEFIELD	MENLO PARK
MICHOACAN PRODUCE MARKET	3380	MIDDLEFIELD	MENLO PARK
DONUT DEPOT	3383	MIDDLEFIELD	MENLO PARK
ATHERTON CLUB SAN LUIS	3391	MIDDLEFIELD	MENLO PARK
QUIK STOP MARKET #59	3401	MIDDLEFIELD	MENLO PARK
PIZZA HUT #283326	3415	MIDDLEFIELD	MENLO PARK
ST ANTHONYS PADUA DINING ROOM	3500	MIDDLEFIELD	MENLO PARK
ST ANTHONYS PADUA DINING ROOM	3500	MIDDLEFIELD	MENLO PARK
GARFIELD CHARTER SCHOOL	3600	MIDDLEFIELD	MENLO PARK
MIRAMAR BEACH INN RESTAURANT	131	MIRADA	HALF MOON BAY
EBB TIDE CAFE	311	MIRADA	HALF MOON BAY
GENESIS AUTOBODY	7490	MISSION	COLMA
SFIA H&I CONNECTOR		NEAR GATE F81, SFO	SFIA
HARLEY FARMS INC	205	NORTH	PESCADERO
Suburban Propane	387	NORTH	Pescadero
WESTLAND NURSERY #2	429	NORTH	PESCADERO
DHL WORLDWIDE	944	NORTH FIELD	SFIA
PORTOLA PUMP STATION	529	OBISPO	EL GRANADA
COASTSIDE FIRE DISTRICT, EL GRANADA	531	OBISPO	EL GRANADA
HAPPY TAILS DOG DAYCARE, INC.	507	ONEILL	BELMONT
BON APPETIT 500 CAFE	500	ORACLE	REDWOOD CITY
SFIA PARKING GARAGE		OUTSIDE PARKING GARAGE T2	SFIA
AT&T Mobility - MONTARA (USID12707)		PEAK AT HIGHWAY 1	Montara
PESCADERO CORP YARD	1000	PESCADERO	PESCADERO
PESCADERO FIRE STATION	1200	PESCADERO	PESCADERO
SAN MATEO COUNTY MEMORIAL PARK	8879	PESCADERO	LOMA MAR

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
YMCA CAMP LOMA MAR	9900	PESCADERO	LOMA MAR
YMCA CAMP JONES GULCH	11000	PESCADERO	LA HONDA
LOS AMIGOS	1999	PESCADERO CREEK	PESCADERO
Pescadero Alliance	1999	PESCADERO CREEK	Pescadero
Verizon Wireless Hwy 1 Lighthouse	400	PIGEON POINT	Pescadero
SFIA TANKS (17)		PLOT 40-AVV GRD TKS SFIA	SFIA
SIGNATURE FLIGHT SUPPORT		PLOT 42	SFIA
PHIPPS, CONSTANCE TR		PO BOX 155	EL GRANADA
POMPONIO RANCH LLC	3300	POMPONIO CREEK	SAN GREGORIO
EL GRANADA HARDWARE & CAFE	85	PORTOLA	EL GRANADA
ROMEO PACKING CO	106	PRINCETON	PRINCETON
Verizon Wireless Princeton (San Mateo)	106	Princeton	Half Moon Bay
MEZZA LUNA	459	PROSPECT	PRINCETON
CUESTA LA HONDA GUILD INC PUBLIC WORKS	200	RECREATION	LA HONDA
PG&E: EMERALD LAKE SUBSTATION	591	ROBERSTON	Redwood City
COSTANOA LODGE AND CAMP	2001	ROSSI	PESCADERO
FAA/PRECISION RUNWAY MONITORING		RUNWAY FIELD	SFIA
FAA/VOR		RUNWAY FIELD	SFIA
T & E PASTORINO NURSERY	12511	SAN MATEO	HALF MOON BAY
BONGARDS NURSERY	12460	SAN MATEO RD	HALF MOON BAY
Verizon Wireless La Honda	415	SEARS RANCH	La Honda
THE PRESS	107	SEVILLA	EL GRANADA
AA SFO		SF International Airport	SFIA
FAA ALSF 2		SFIA-RUNWAY	SFIA
SKYLAWN MEMORIAL PARK	1	SKYLAWN	SAN MATEO
SKYLINE REAL ESTATE LLC	13090	SKYLINE	WOODSIDE
SKYLINE REAL ESTATE LLC	13100	SKYLINE	WOODSIDE
THOMAS FOGARTY WINERY	19501	SKYLINE	WOODSIDE
SFIA SOUTH TERMINAL		SOUTH TERMINAL	SFIA
ECONO TREE SERVICE	1914	SPRING	REDWOOD CITY
BRITISH EUROPEAN MOTORS	2001	SPRING	REDWOOD CITY
IMAGE AUTO WORKS	2259	SPRING	REDWOOD CITY
LEES AUTO REPAIR	2303	SPRING	REDWOOD CITY
EL TULENSE	2391	SPRING	REDWOOD CITY
BRENDA LIQUOR	2397	SPRING	REDWOOD CITY
VECTOR AUTO CARE	2401	SPRING	REDWOOD CITY
HIGH PERFORMANCE HOUSE	2431	SPRING	REDWOOD CITY
GARAFFO AUTO REPAIR	2475	SPRING	REDWOOD CITY
DG FLOOR COVERINGS INC	2501	SPRING	REDWOOD CITY
T&J GRAPHIC ARTS	2622	SPRING	REDWOOD CITY
ALLOY CUTTING CO	2661	SPRING	REDWOOD CITY
MARCELS MOTOR SPORTS	2691	SPRING	REDWOOD CITY
SEQUOIA AUTOMOTIVE	2691	SPRING	REDWOOD CITY
Verizon Business: RDCECA	2700	Spring	Redwood City
MACHINE PARTS CO., INC	2715	SPRING	REDWOOD CITY

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
AMERICAN PRODUCTION CO	2734	SPRING	REDWOOD CITY
TACOS EL GRULLO	2798	SPRING	REDWOOD CITY
PRECISION MICRO COMPONENTS	2900	SPRING	REDWOOD CITY
ECLIPSE METAL FABRICATION INC	2901	SPRING	REDWOOD CITY
SIMPSON COMPANY PAINTING	2992	SPRING	REDWOOD CITY
WHISK CATERING	2992	SPRING	REDWOOD CITY
PENINSULA TRUCK REPAIR, INC.	3018	SPRING	REDWOOD CITY
BAY AREA CUSTOM SHIRTS	3130	SPRING	REDWOOD CITY
AT&T Corp. - P3066	3175	Spring	Redwood City
DUARTES TAVERN	202	STAGE	PESCADERO
DOWN TOWN LOCAL	213	STAGE	PESCADERO
SARABIAS AUTO REPAIR & TOWING	216	STAGE	PESCADERO
ARCANGELI MARKET	287	STAGE	PESCADERO
Verizon Wireless Hwy 1 & 84	7400	Stage	San Gregorio
SAN GREGORIO GENERAL STORE	7615	STAGE	SAN GREGORIO
GARCIAS AUTO REPAIR	426	STANFORD	REDWOOD CITY
PORTOLA REDWOODS STATE PARK	9000	STATE PARK	LA HONDA
COASTSIDE FIRE DISTRICT, EL GRANADA	501	STETSON	MOSS BEACH
GOLDMAN, RHONDA	1591	SUNSHINE VALLEY	MOSS BEACH
UAL Super Bay Hanger		SUPER BAY HANGAR	SFIA
AMERICAN AIR T1		TERMINAL 1	SFIA
Southwest Airlines Co. - San Francisco International Airport		TERMINAL 1 SF INT AIRPORT	San Francisco
AMERICAN AIR TERMINAL 2		TERMINAL 2	SFIA
COASTSIDE MARKET INC	501	VIRGINIA	MOSS BEACH
SOUZA TIRE & AUTO	31	WATER	PESCADERO
HA RECYCLE	67	WATER	PESCADERO
PESCADERO STATE BEACH	404	WATER	PESCADERO
BARBOUR, JOHN D TR		WESTERN CORNER LOT	MOSS BEACH
SFIA MPOE/NPOE	620	WESTFIELD	SFIA
SFIA WESTFIELD GARAGE	638	WESTFIELD	SFIA
Pillar Point Air Force Station	300	Westpoint	Princeton
PRINCETON PUMP STATION		WESTPOINT/STANFORD	PRINCETON
Sprint Cell Site SF72XC823- CA0550	3501	WHITING RIDGE	Montara
STARBUCKS COFFEE CO	1401	WILLOW	MENLO PARK
FAA GWQ LOCALIZER	GWQ LOC		SFIA
Ponderosa School			UNINCORPORATED
KPDO 89.3	1956	A Pescadero Creek	UNINCORPORATED
Pacific Victorian Bed & Breakfast	325	Alameda	UNINCORPORATED
Webb Ranch, Horse stables	2720	Alpine	UNINCORPORATED
Harbor View Inn	51	Avenue Alhambra	UNINCORPORATED
Harbor Pizza	65	Avenue Alhambra	UNINCORPORATED
Coastside Hope	99	Avenue Alhambra	UNINCORPORATED
El Granada Market	401	Avenue Alhambra	UNINCORPORATED
El Granada Liquors	522	Avenue Alhambra	UNINCORPORATED
Hop Dogma Brewing Company	30	Avenue Portola	UNINCORPORATED
El Granada True Value Hardware	85	Avenue Portola	UNINCORPORATED
K & S Ranch	4100	Cabrillo	UNINCORPORATED
Sun Coffee House	8455	Cabrillo	UNINCORPORATED
West Coast Aviation	11000	Cabrillo	UNINCORPORATED

Attachment C.4.b.iii.
Potential Facilities List

Name	Street Number	Street Name	City
Ana Nuevo Flower Gardens	1701	Cabrillo Hwy	UNINCORPORATED
Sam's Chowder House	4210	Cabrillo Hwy	UNINCORPORATED
Gazos Grill	5720	Cabrillo Hwy	UNINCORPORATED
Montara Water and Sanitary District	8888	Cabrillo Hwy	UNINCORPORATED
Mezza Luna Cafe at Harbor Village	249	Capistrano	UNINCORPORATED
Flavor	260	Capistrano	UNINCORPORATED
HMB Salt Water Taffy (Harbor Village)	270	Capistrano	UNINCORPORATED
The Winebar, Half Moon Bay (Harbor Village)	270	Capistrano	UNINCORPORATED
American Legion Post # 474	470	Capistrano	UNINCORPORATED
Clifford Elementary School	255	Clifford	UNINCORPORATED
Harry Tracy Water Treatment Plant	2901	Crystal Springs	UNINCORPORATED
Seal Cove B & B	221	Cypress	UNINCORPORATED
Mountain Camp	5601	Gazos Creek	UNINCORPORATED
Crystal Springs Golf Course	6650	Golf Course	UNINCORPORATED
Distillery	103	Harvard	UNINCORPORATED
Elegant Cheesecake	103	Harvard	UNINCORPORATED
Knier Winery	151	Harvard	UNINCORPORATED
Action Towing	183	Harvard	UNINCORPORATED
Johnson Building	190	Harvard	UNINCORPORATED
Hillcrest Manor, RCFE	909	Hillcrest	UNINCORPORATED
Princeton Seafood Company	9	Johnson Pier	UNINCORPORATED
Morning Star Fish Company	11	Johnson Pier	UNINCORPORATED
Three Captains Fish Company	33	Johnson Pier	UNINCORPORATED
Pillar Point Seafoods	35	Johnson Pier	UNINCORPORATED
Woodworking Shop	2010	La Honda	UNINCORPORATED
OVY Camp (Optomists)	5360	La Honda	UNINCORPORATED
Driscoll Ranch	5460	La Honda	UNINCORPORATED
Tichnor Ranch	6700	La Honda	UNINCORPORATED
Sullivan's	8865	La Honda	UNINCORPORATED
La Honda Fire Station	8945	La Honda	UNINCORPORATED
Lakeview Lodge, RCFE	530	Lakeview	UNINCORPORATED
Peninsula Golf & Country Club	701	Madera	UNINCORPORATED
Highlands Elementary School	2320	Newport	UNINCORPORATED
Silver Terrace Nursery	501	North	UNINCORPORATED
Pescadero Elementary	620	North	UNINCORPORATED
Loma Mar Store	8150	Pescadero Creek	UNINCORPORATED
Pigeon Pt Lighthouse/Hostel	210	Pigeon Pt	UNINCORPORATED
Odyssey School	201	Polhemus	UNINCORPORATED
Palladino's Painting Co.	102	Princeton	UNINCORPORATED
The Inn at Mavericks	346	Princeton	UNINCORPORATED
La Honda Elementary	450	Sears Ranch	UNINCORPORATED
Olympic Club	599	Skyline	UNINCORPORATED
Bella Vista Restaurant	13451	Skyline	UNINCORPORATED
The Mountain House Rest.	13808	Skyline	UNINCORPORATED
Clos De La Tech Winery	19775	Skyline	UNINCORPORATED
Made in Pescadero	216	Stage	UNINCORPORATED
Stage Road Shops	248	Stage	UNINCORPORATED
Pescadero Country Store	251	Stage	UNINCORPORATED
Arcangeli Grocery Norms Market	287	Stage	UNINCORPORATED
Pescadero Creek Inn B&B	393	Stage	UNINCORPORATED
Kings Mountain Elementary School	211	Swett	UNINCORPORATED
San Mateo County	21	Tower	UNINCORPORATED
Hillcrest Juvenile Hall	26	Tower	UNINCORPORATED
Half Moon Bay Yacht Club (private organization)	214	Vassar	UNINCORPORATED
kathy lind & nancy garbini	500	Seaside School Rd	San Gregorio
no name (see address)	3800	La Honda	San Gregorio
Old Haul Road		Old Haul	San Gregorio

RESOLUTION NO. 074984

BOARD OF SUPERVISORS, COUNTY OF SAN MATEO, STATE OF CALIFORNIA

* * * * *

RESOLUTION AUTHORIZING NO PARKING DURING SPECIFIED HOURS ZONES ON MIDDLEFIELD ROAD, IN THE NORTH FAIR OAKS REGION, FOR STREET SWEEPING: A) NO PARKING FROM 5:00 AM TO 7:00 AM, ON FRIDAYS, ON THE EAST SIDE OF MIDDLEFIELD ROAD FROM DOUGLAS AVENUE CONTINUING IN A SOUTHEASTERLY DIRECTION FOR APPROXIMATELY 4,800 FEET ENDING AT ENCINA AVENUE. B) NO PARKING, FROM 5:00 AM TO 7:00 AM, ON THURSDAYS, ON THE WEST SIDE OF MIDDLEFIELD ROAD, FROM FLYNN AVENUE CONTINUING IN A SOUTHEASTERLY DIRECTION FOR APPROXIMATELY 544 FEET WITHIN COUNTY LIMITS. C) NO PARKING, FROM 5:00 AM TO 7:00 AM, ON THURSDAYS, ON THE WEST SIDE OF MIDDLEFIELD ROAD FROM MACARTHUR AVENUE CONTINUING IN A SOUTHEASTERLY DIRECTION FOR APPROXIMATELY 4,800 FEET ENDING, NORTH OF ENCINA AVENUE

RESOLVED, by the Board of Supervisors of the County of San Mateo, State of California, that

WHEREAS, California Vehicle Code Section 22507 et. al., and Section 7.32.10 of the County Ordinance Code, allow the Board of Supervisors to establish no parking during specified hours zones for street sweeping and associated signs and markings; and

WHEREAS, the Director of Public Works has recommended that no parking during specified hours zones be established as noted herein to facilitate street sweeping.

NOW THEREFORE, IT IS HEREBY DETERMINED AND ORDERED that:

1. No parking during specified hours zones be established at the following locations:
 - Middlefield Road, North Fair Oaks

On the east side of Middlefield Road (County Road No. 29A and 29B) from Douglas Avenue continuing in a southeasterly direction for approximately 4,800 feet, ending at Encina Avenue.

- Middlefield Road

On the west side of Middlefield Road (County Road No. 29A) from Flynn Avenue continuing in a southeasterly direction for approximately 544 feet, within County limits.

- Middlefield Road

On the west side of Middlefield Road (County Road No. 29B) from MacArthur Avenue continuing in a southeasterly direction for approximately 4,800 feet, ending north of Encina Avenue.

2. The Department of Public Works is authorized and directed to post any necessary signs and permanent markings in conjunction with this Resolution.

* * * * *

Regularly passed and adopted this 10th day of January 2017

AYES and in favor of said resolution:

Supervisors: _____ *DAVE PINE*

_____ *CAROLE GROOM*

_____ *DON HORSLEY*

_____ *WARREN SLOCUM*

_____ *DAVID J. CANEPA*

NOES and against said resolution:

Supervisors: _____ *NONE*

Absent Supervisors: _____ *NONE*



*President, Board of Supervisors
County of San Mateo
State of California*

Certificate of Delivery

I certify that a copy of the original resolution filed in the Office of the Clerk of the Board of Supervisors of San Mateo County has been delivered to the President of the Board of Supervisors.



Deputy Clerk of the Board of Supervisors