

COUNTY OF SAN MATEO
COUNTY MANAGER'S OFFICE
OFFICE OF SUSTAINABILITY

Jim Eggemeyer
Director

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October 1, 2018

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 2017/18 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the 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 2017/18 and related accomplishments.

Please contact Breann Liebermann at 650-599-1514 regarding any questions or concerns.

Very truly yours,



Jim Eggemeyer
Duly Authorized Representative
Director, Office of Sustainability
County Manager's Office

CC: Jim Porter, Director, Public Works
CC: Heather Forshey, Director, Environmental Health Services

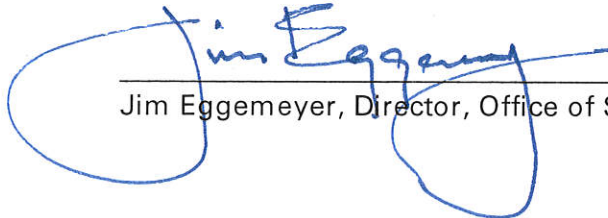


**COUNTY OF SAN MATEO
FY 2017/18 ANNUAL REPORT**

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:



Jim Eggemeyer, Director, Office of Sustainability 9/25/18 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 2017 through June 2018			
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 17-18, County staff regularly participated in the Municipal Maintenance and Trash Control committees. 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 the SMCWPPP field form template for inspection and maintenance. DPW piloted use of an automated trash full capture device inspection process to allow for electronic field data collection using handheld devices and Collector for ArcGIS integrated with Survey 123. 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 staff attended two trainings that were tailored for County of San Mateo and covered important topics related to C.2 including maintenance and construction stormwater BMPs, sensitive species and avoidance measures, environmental regulations and permit requirements, and a BMP product display. One training was held on November 1, 2017 and attended by 51 staff from the Road Maintenance and Sewer crews. The second training was held on May 15, 2018 and was tailored for management and supervisors; 13 attended. DPW also continued with use of the SMCWPPP pesticide tracking Excel template. Five Parks Department supervising ranger staff attended a training on March 20, 2018 to address construction stormwater BMPs hosted by EOA. Refer to the C.2 Municipal Operations section of the SMCWPPP FY 17-18 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:

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 maintains approximately 6.4 curb miles within the "other area" category for annual sweeping. Sweeping logs were completed and are kept on file. Street sweeping was conducted monthly for the following San Mateo County Parks: Coyote Point Recreation Area, Coyote Point Marina, Edgewood County Park and Natural Preserve, Flood Park, Huddart County Park, Junipero Serra County Park, and San Bruno Mountain State and County 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 Department maintenance projects involving construction with fill or potential impacts to water quality, creeks, wet lands, and/or special status species environmental permits were obtained from the appropriate regulatory agency. Similar to DPW a number of the permits required additional BMPs and protective measures, which were implemented by Parks' staff. Parks' Natural Resource Management program staff (biologists and ecologists) developed permit binders that included all applicable permit documents, daily checklists, environmental awareness materials, outlined special permit conditions and BMPs, memos detailing pre- mid- or post- construction surveys were included from both Natural Resource Management biologists and contractor biologists. The project binder remained on site during the duration of each project and is scanned and retained for records once the project is completed to assist in post project reporting. A monitoring biologist 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 draft Routine Maintenance Program Manual (Maintenance Manual) has been developed and includes BMPs, maintenance standards, and conservation outcomes for municipal maintenance activities. Existing BMPs, maintenance standards, and conservation outcomes from the San Mateo County Watershed Protection Maintenance Standards (2004) have been incorporated into the new Maintenance Manual. When final, the Maintenance Manual will supersede the existing Maintenance Standards document. 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 were made based on agency feedback, and a revised Maintenance Manual was recently submitted to the agencies in July 2018. A follow-up meeting with agency representative, subsequent revisions, and permit applications will be completed during FY 18-19.

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.

The County Parks Department does not engage in any pavement washing activities within County parks owned properties.

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). 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. Nonetheless appropriate CSS staff have completed the online BASMAA training program.

The County hired a contractor to remove all observed graffiti in the County's unincorporated North Fair Oaks area. For the first three-quarters of the fiscal year the Contractor inspected the community and removed additional graffiti that was observed. The Contractor was required to follow BMPs to control discharges from graffiti removal activities and was provided a list of required BMPs from BASMAA's Mobile Surface Cleaner Program for graffiti removal. The Contractor was able to avoid using power washing as a graffiti removal technique when at all possible. The CSS of DPW has since taken over such activities but does not use power washing as a graffiti removal method. As reported in the County FY16-17 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 FY17-18. 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.

The County Parks Department engaged in routine graffiti removal in nine County parks in FY17-18. Staff regularly use graffiti wipes or "Goof Off" a gelled formulation available over the counter to address graffiti issues in the parks. All cleaning materials are air dried and then are disposed of

using appropriate BASMAA BMPs. In addition to routine graffiti removal the Parks Department maintained three bridges within Fitzgerald Marine Reserve, Pescadero Creek County Park, and San Pedro Valley Park. The repairs at Fitzgerald Marine Reserve and San Pedro Valley ensured that all deck drains and scuppers over streams were blocked off prior to pressure washing, sandblasting or scraping of bridge structures. Materials used in the maintenance or repair of bridges, such as paint, solvents and mortar, were prevented from spilling into any storm drain facility or water body. Overspray of paint onto vegetation or into flowing water was avoided. No material fell into a storm drain or water body. Granger Bridge in Pescadero Creek involved deck replacement only and all replaced materials were hauled away from site. No work was done in creek or to the foundations. Three supervising rangers completed annual BASMAA online training and certification and regularly instruct staff on how to incorporate these measures into work related to graffiti removal and bridge maintenance.

The County Parks Department staff conducted routine small-scale graffiti removal in three County parks. No staff used mobile surface cleaners to address graffiti removal activities. County Parks staff generally use over-the-counter products such as Goof Off (a gelled formulation) or graffiti wipes and all associated BMPs for both types of products were followed.

Parks Department oversaw minor decking repairs to Grainger Bridge on the Pomponio trail in Pescadero Creek County Park. All demo materials were hauled away from site. No work was done in creek or to foundations. All BASMAA BMPs were followed. Additional bridge repairs were done in San Pedro Valley County Park. Materials used in the maintenance or repair of bridges, such as paint, solvents and mortar, were prevented from spilling into any storm drain facility or water body. Overspray of paint onto vegetation or into flowing water was avoided. No material reached a storm drain or water body.

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

Does your municipality own/maintain rural ¹ roads:	<input checked="" type="checkbox"/> X	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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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

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.

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 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 all rural roads are inspected at the end of the rainy season or after severe storms for issues. When issues were found they were addressed and include: 1) Wunderlich County Park repairs and improvements were made to Richards Road by adding ¾" baserock and the road was outsloped to improve drainage and the Alambique Trail was recontoured to minimize erosion due to a slipout; 2) Weiler Ranch Road in San Pedro Creek County Park ¾" baserock added and outsloped to improve drainage; 3) Pescadero Creek County Park's Old Haul Road was regraded to minimize erosion and included the addition of ¾" baserock in select areas.

County Parks also implemented the Tunitas Creek Beach emergency access road project. 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. This project was within the coastal zone. Parks' Natural Resource Management program staff (biologists and ecologists) developed a permit binder that included all applicable permit documents, daily checklists, environmental awareness materials, outlined special permit conditions and BMPs, memos detailing pre- mid- or post- construction surveys were included from both Natural Resource Management biologists and contractor biologists. The project binder remained on site during the duration of the project and was scanned and retained for records once the project was completed to assist in post project reporting. A monitoring biologist was onsite for this project.

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, the new Maintenance Manual 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 and in sediment TMDL watersheds such as Pescadero-Butano and San Gregorio.

C.2.f. ► Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporation 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
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Comments:

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 2017. Minor follow-up measures that were requested during the August pre-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.

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.

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 2017. No violations were noted.

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.

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.

In addition to the DPW and Parks pre-rainy season inspections, County Environmental Health Services (CEH) also conducts routine Hazardous Material and stormwater inspections at the DPW and Parks Corporation Yard facilities.

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

Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions
Coyote Point Recreation Area	<ul style="list-style-type: none"> • Vehicle and Equipment Washing • Outdoor waste/recycling storage • Municipal Vehicle/heavy Equipment parking • Employee parking 	9/26/2017	No violations	None Required

² Minimum inspection frequency is once a year during September.

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Flood Park	<ul style="list-style-type: none"> • Vehicle and Equipment Washing • Outdoor waste/recycling storage • Municipal vehicle/heavy equipment parking • Employee parking 	9/26/2017	No violations	None Required
Junipero Serra Park	<ul style="list-style-type: none"> • Vehicle/equipment washing • Outdoor waste/recycling storage • Municipal vehicle/heavy equipment parking • Employee parking 	9/27/2017	No violations	None Required
Memorial Park	<ul style="list-style-type: none"> • Vehicle and Equipment Washing • Outdoor waste/recycling storage • Municipal vehicle/heavy equipment parking • Employee parking • Outdoor material storage 	9/26/2017	No violations	None Required
San Pedro Valley Park	<ul style="list-style-type: none"> • Outdoor material storage • Outdoor waste/recycling storage • Municipal vehicle/heavy equipment parking • Employee parking 	9/27/2017	No violations	None Required
Huddart Park	<ul style="list-style-type: none"> • Vehicle/equipment washing • Outdoor waste/recycling storage • Municipal vehicle/heavy equipment parking • Employee parking • Outdoor material storage 	9/26/2017	No violations	None Required
Grant Yard	<ul style="list-style-type: none"> -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 	8/15/2017 9/19/2017	No violations.	None Required.
Princeton	<ul style="list-style-type: none"> -Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage 	8/16/2017 9/13/2017	No violations. Inspector recommended addition of wattle at swale outlet along fence.	Supervisor installed wattles along perimeter. Installation confirmed during September inspection.

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Princeton (Haz Mat Inspection)	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	5/17/2018	No violations.	None Required.
Pescadero	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	8/16/2017 9/21/2017	No violations. Inspector recommended adding Do Not Top Off Reminder to fueling station. Replace wattles at ditch outlet on upper storage area. Replace wattles around dirt pile at upper storage area.	Do Not Top Off reminder sign was installed. Wattles were replaced. Installation confirmed during September inspection.
Pescadero (Haz Mat Inspection)	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	1/16/2018	No violations.	None required.
Belmont Motor Pool	-Fuel Dispensing -Municipal Vehicle Parking Employee Parking -Waste and Recycling Storage	8/14/2017 9/14/2017	No violations.	None required.
La Honda	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	8/15/2017 9/18/2017	No violations. Inspector recommended adding Do Not Top Off sign to fueling station.	Do Not Top Off reminder sign was installed. Installation confirmed during September inspection.
La Honda ((Haz Mat Inspection)	-Fuel Dispensing -Outdoor Material Storage -Municipal Vehicle and Heavy Equipment Storage -Employee Parking -Waste and Recycling Storage	9/7/2017	No violations.	None required.

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

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

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

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

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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 2017-18, 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 2017-18, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.v. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.				

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

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

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

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

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 (FY16-17)	38
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 17-18)	48
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 17-18)	9
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 17-18)	23.6%³

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

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

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

Summary:

Planning and Building Department:

The County had a total of 38 Regulated Projects (including offsite projects, and Regional Projects), including 37 private sites (on Private Property) and 1 Public site (County-owned property) in our database at the end of the previous fiscal year (FY16-17). The Planning and Building Department, who conducts inspections of private sites only, conducted inspections for 9 sites (or 23.6% of all completed Regulated Projects in FY16-17). The 9 Regulated Sites inspected by the County include review of inspection records for 1 vault-based system site (Extra Space Storage). The County accepted a 3rd party inspection report in-lieu of directly conducting an O&M inspection for the vault-based site. The inspection report showed that the site was inspected in January 2018 and the unit was cleaned and found to be operating properly. Minor corrections were required at all but 3 of the 9 sites inspected. Similar to problems identified in previous years, staff identified common problems related to a general lack of maintenance (cleaning out drains with debris and replacing dead plants or trimming vegetation in bioretention basins).

This fiscal year, the County was able to achieve compliance for 3 sites that were inspected in FY16-17 in which corrections were not completed (The Horse Park, Palomar Oaks Subdivision, and a residence at 1885 Camino a los Cerros) prior to the end of the fiscal year. For example, for The Horse Park, County staff struggled in its requests for The Horse Park’s property management staff to resolve the violations and involved Code Compliance Section staff to escalate enforcement per the County O&M Policy and its Enforcement Response Plan.

County staff conducted regular inspections of County owned or operated Regulated Sites. Problems observed with bioretention areas included trash and debris present, minor erosion at inlets, overgrown vegetation, weeds present, and additional mulch needed. Maintenance is conducted on an ongoing basis.

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:

Planning & Building Department:

This year, due to continuing property owner inexperience and lack of knowledge of drainage systems as described in previous years, Staff has changed its approach to correction notices. This year, staff sent detailed correction notices to illustrate the problem areas with photos and to provide a narrative description of the action required. Detailed correction notices were sent to the property owners of the 6 sites that required correction and/or maintenance. In the detailed correction notices, Staff provided a 30-day correction deadline and will involve Code Compliance staff for escalation of enforcement if this deadline is passed.

C.3.h.v.(4) ► Enforcement Response Plan			
Does your agency have an Enforcement Response Plan for all O&M inspections of stormwater treatment measures?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
If No, explain:			

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:
<p>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.</p> <p>The County continues the C.3.i implementation procedures as described in FY 15-16, consisting of the following:</p> <ul style="list-style-type: none"> • 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. The County requires the submittal of the full C.3 and C.6 Development Review Checklist for all projects which create or replace impervious surface and for specific uses with applicable source control requirements. The County does not use the Small Projects Checklist. • 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)(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 convened an interdepartmental GI Working Group with staff from DPW, Planning & Building Department, Parks Department, and the County Manager's Office. The County GI Working Group convened monthly in FY 2017-18 to stay on track for the development of the GI Plan. OOS held two Directors meetings to update departments on progress. On January 30, 2018, directors and staff from C/CAG, DPW, Planning & Building, Parks, and OOS discussed GI permit requirements, SMCWPPP countywide efforts, and the County's approach for completing the GI Plan. On April 17, 2018, directors and staff from C/CAG, DPW, Planning & Building, Parks, and OOS discussed the results of the Reasonable Assurance Analysis (RAA) modeling, project prioritization, approaches for meeting the load reductions in the MRP, and cost scenarios. OOS continues to engage and update departments as the County progresses in the development of the GI Plan required elements.

County staff have participated in several trainings and workshops related to GI. The County hosted a presentation on April 26, 2018 for County engineers on Silva Cell suspended pavement systems by DeepRoot. 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 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. The County added information on green infrastructure, including a link to the County's GI Workplan, on the OOS website (<http://www.smcsustainability.org/energy-water/stormwater/>).

Please refer to the SMCWPPP FY 17-18 Annual Report for a summary of outreach efforts implemented at the countywide level.

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

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

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

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

Background Information:

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

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 162 projects that were updated for FY 2017-18. Using the BASMAA Guidance document, County staff identified 156 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 6 remaining projects had green infrastructure potential. After closely reviewing project information, 6 projects were determined as having no potential, being too late to change or too early to assess.

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 SMCW PPP FY 17-18 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 SMCW PPP FY 17-18 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location ⁴ , Street Address	Name of Developer	Project Phase No. ⁵	Project Type & Description ⁶	Project Watershed ⁷	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁸	Total Replaced Impervious Surface Area (ft ²) ⁹	Existing Impervious Surface to be Retained* (ft ²)	Total Pre- Project Impervious Surface Area ¹⁰ (ft ²)	Total Post- Project Impervious Surface Area ¹¹ (ft ²)
Private Projects												
Kwitowski Minor Subdivision (PLN2017-00076)	888 and 890 Berkeley Avenue, Menlo Park	Andy Kwitowski	N/A	Minor Subdivision of a 42,727 sq. ft. parcel into 2 parcels of 20,227 sq.ft. & 22,500 sq. ft.	San Francisquito Creek	0.981	0.981	8,522	9,490	0	9,490	18,012
California Golf Club - New Maintenance Yard (PLN2006-00517)	844 W. Orange Avenue, South San Francisco	CA Golf Club	N/A	New Maintenance Yard	Colma Creek	189	2.25	46,007	3,880	70	3,950	49,957
Peninsula Open Space Trust (POST) – (PLN2016-00495, 496; BLD2017- 02209, -02210, - 02291, -02292, - 02293)	950 La Honda, San Gregorio	Laura O'Leary, POST	N/A	4 Farm Labor Housing Units, 3 Greenhouses, ag barn and shed	San Gregorio Creek	74	0.75	24,246	4,277	20,674	26,632	49,197
Public Projects												
Serenity House* (BLD2016-00431)	3701 Hacienda Street, San Mateo	County of San Mateo	N/A	Remodeling a County health	Laurel Creek	18.7	0.81	7,027	6,538	4,499	15,260	18,064

⁴Include cross streets

⁵If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁶Project 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.

⁷State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁸All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁹All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁰For redevelopment projects, state the pre-project impervious surface area.

¹¹For 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 ⁴ , Street Address	Name of Developer	Project Phase No. ⁵	Project Type & Description ⁶	Project Watershed ⁷	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁸	Total Replaced Impervious Surface Area (ft ²) ⁹	Existing Impervious Surface to be Retained* (ft ²)	Total Pre- Project Impervious Surface Area ¹⁰ (ft ²)	Total Post- Project Impervious Surface Area ¹¹ (ft ²)
				facility and reconfiguration of an existing parking lot								
Middlefield Road Parking Lot (BLD2017-02413)	3060 Middlefield Road, Redwood City	County of San Mateo	N/A	New public parking lot with biotreatment areas	Redwood Creek	0.4	0.4	15,422	1,314	0	1,611	16,736
Montara State Beach Parking Lot at Martini Creek (PLN2016-00306)	Cabrillo Highway, south of Martini Creek, Montara	State Parks	N/A	Improve existing parking lot and add accessible picnic and viewing areas.	San Pedro Creek	55	0.9	22,537	5,111	0	5,505	27,648
El Granada Fire Station (PLN2016-00346; BLD2017-01821)	555 Obispo Rd., El Granada	Coastside Fire Protection District	N/A	New El Granada Fire Station. A single story 12,425 sf Essential Services Fire Station	Denniston Creek	1.05	1.05	32,613	0	0	0	32,613

Comments:

*Total Retained Impervious Surface factors into Total Post-Project Impervious Surface and has been added to the table for additional clarity.

*Note: Serenity House was reported in FY16-17 in Section C.3.j. ii. (2) ► Table B - Planned and/or Completed Green Infrastructure Projects. However, based on the current project information, the project meets the definition of a C3 Regulated Project.

**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 ¹²	Application Final Approval Date ¹³	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
Private Projects										
Kwitowski Minor Subdivision (PLN2017-00076)	September 15, 2017	January 18, 2018	Storm drain marking, Landscapi ng, pool/spa	Roof/walkw ay/drivewa y runoff to vegetated areas	Infiltration Trench, Volume-based permeable pavers	O&M Agreement Recorded for 890 Berkeley---- Agreement for 888 Berkeley is pending	1.b	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced imperious surface
California Golf Club - New Maintenance Yard (PLN2006-00517)	January 3, 2018	February 20, 2018	Storm drain marking, landscapi ng, vehicle	Self- treating area, self- retaining area, runoff/walk	Bioinfiltration (1.a), Bioretention Area (2, c)	O&M Agreement Recorded 8/10/17	1.a, 2.c	N/A	N/A	Project is exempt as it is not located in the HM Control

¹²For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹³For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁴List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁵List 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.

¹⁶List 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.).

¹⁷List 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.

¹⁸See 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).

¹⁹For 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.

²⁰For 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.

²¹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²²If HM control is not required, state why not.

²³If 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 ¹²	Application Final Approval Date ¹³	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
			cleaning, fuel dispensin g area, fire sprinklers	way/drivew ay runoff to vegetated area						Area per the HM Control Map
Peninsula Open Space Trust (POST) - PLN2016-00495, 496; BLD2017- 02209, -02210, - 02291, -02292, - 02293)	May 24, 2017	August 8, 2017	Landscapi ng	Self- treating area, self- retaining area, runoff/walk way/drivew ay runoff to vegetated area	Bioinfiltration	O&M Agreement added as requirement of Final Inspection of Building Permit	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

**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 ²⁴	Date Construction Scheduled to Begin	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
Public Projects										
Serenity House* (BLD2016-00431)	N/A	9/30/2016 (Building Permit issue date)	Storm drain marking, landscaping	Self-treating Areas, Runoff from Walkways/Driveway directed to vegetated areas	Bioretention Area	Implementation of County O&M Policy required after final of building permit	2.c	N/As	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface
Middlefield Road Parking Lot (BLD2017-02413)	N/A	11/16/2017 (Building Permit issue date)	Storm drain marking, landscaping	Self-retaining area, runoff from driveway directed to vegetated areas, minimize impervious surface	Bioretention area	Implementation of County O&M Policy required after final of building permit	3	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or

²⁴For public projects, enter the plans and specifications approval date.

²⁵List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁶List 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.

²⁷List 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.).

²⁸List 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.

²⁹See 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).

³⁰For 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.

³¹For 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.

³²Note whether a third party was used to certify the project design complies with Provision C.3.d.

³³If HM control is not required, state why not.

³⁴If 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 ²⁴	Date Construction Scheduled to Begin	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
										replaced impervious surface
Montara State Beach Parking Lot at Martini Creek (PLN2016- 00306)	February 6, 2017	July 18, 2017	Landscaping	Self-treating area, conserve natural areas, min. impervious surface, direct roof/walkway/ driveway runoff to vegetated areas	Indirect infiltration to existing and enhanced vegetation	No BLD Permit Required - O&M Agreement still required	N/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
El Granada Fire Station (PLN2016- 00346; BLD2017- 01821)	August 11, 2017	August 2, 2018	Marking storm drains, floor drains plumbed to sewer, food service equipment, outdoor equipment/materials storage, fuel dispensing area, fire sprinklers, parking garage drain to sewer	Self-retaining area, roof/walkway/ patio/driveway runoff to vegetation	Bioretention Area	O&M Agreement added as requirement of Final Inspection of Building Permit	3	N/A	N/A	Project is exempt from HM Controls as project results in less than 1 acre of new or replaced impervious surface

Comments:
 *Note: Serenity House was reported in FY16-17 in Section C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects. However, based on the current project information, the project meets the definition of a C3 Regulated Project.

C.3.h.v.(2). ► Table of Newly Installed³⁵ 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 ³⁶ For Maintenance	Type of Treatment/HM Control(s)
Peninsula school*	920 Peninsula Way, Menlo Park	Owner	Porous parking stalls, utilize existing trees as interceptor trees
795 Berkeley Ave.*	795 Berkeley Ave., Menlo Park	Owner	Bio-retention area
799 Berkeley Ave.*	799 Berkeley Ave., Menlo Park	Owner	Bio-retention area
St. Francis Center (St. Leo's)*	97 Nottingham, Redwood City	Owner	Bio-retention Area
101-105 5th Ave (Waverly Place Apartments)	101 5 th Avenue, Redwood City	Owner	Flow-through planter; self-retaining areas
890 Berkeley Ave.	890 Berkeley Ave., Menlo Park	Owner	Infiltration Trench, Volume-based permeable pavers
Skylawn Memorial Park, Garden of Heaven	100 Lifemark Road, Redwood City	Owner	Infiltration Trench
Skylawn Verizon Site	100 Lifemark Road, Redwood City	Owner	Treatment of runoff through vegetated areas and retained in on-site lined pond where water is used for landscape irrigation.

Note: Projects marked with an "" were previously reported as newly installed, but Projects were not completed until this fiscal year

³⁵ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2017 - June 30, 2018												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁷	Status ³⁸	Description ³⁹	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁰	LID Treatment Reduction Credit Available ⁴¹	List of LID Stormwater Treatment Systems ⁴²	List of Non-LID Stormwater Treatment Systems ⁴³
None												

³⁷Date that a planning application for the Special Project was submitted.

³⁸ 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.

³⁹Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴¹For 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.

⁴². 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.

⁴³List 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

None.

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

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
Mirada Rd Erosion Protection	Repair and reinforce boulder revetment along Mirada Road to prevent erosion and undermining.	No work until funding is found.	No	Erosion is from ocean-side, rather than from stormwater runoff. There is no space for GI.
Crystal Springs Construct Trail South of Dam to Highway 35	Constructing 8' wide trail along Crystal Springs Reservoir	Not started	No	Any runoff from impermeable surface will drain to surrounding landscape.
Crystal Springs Trail South of Dam 600 Yards	Constructing 8' wide trail along Crystal Springs Reservoir	Completing planning and design phase	No	Any runoff from impermeable surface will drain to surrounding landscape.
Stage Road Sidewalk and Drainage	Looking at solutions to mitigate flooding in the project area.	The project will not be moving forward until funding is allocated	TBD	
Scenic Drive Hazard Mitigation Project - 2017 Storm Event	Working with FEMA to remove landslide damaged homes and improve drainage to nearby drainage systems.	Working with FEMA on refining scope	No	Project is actively trying to prevent infiltration into the surrounding vulnerable slopes to prevent future landslides.
Pescadero North St/Clinic/Puente Parking Flooding	Looking at solutions to mitigate flooding in the project area.	No work until funding is found.	TBD	

⁴⁴ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

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

⁴⁶ 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.

⁴⁷ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

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

Project Name and Location ⁴⁸	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	Construction completed November 2017	Bioretention areas are incorporated in the approved Serenity House construction documents.
Middlefield Road Improvement Project	Improve Middlefield Road with: three traffic lanes, parallel parking, bike lanes, and sidewalks wide enough to accommodate street amenities such as benches and other seating, landscaping, street and pedestrian lighting, trash and recycling receptacles, street art and public spaces.	Currently in design review phase. Currently reviewing the 90% design plans. Anticipated to go to construction in Spring 2019	The project has 20 curb bulb outs that provide GI features including bioretention, non-GI planters and flow thru planters.
Reconstruction of Seventh Avenue From Middlefield Road to Edison Way in the North Fair Oaks Area	Reconstruct road to 37-foot of pavement and 2-foot wide curb and gutters on both sides for Seventh (7th) Avenue, from Middlefield Road to Park Road. Reconstruct road to 18-foot of pavement and 3-foot wide valley gutters on both sides for Seventh (7th)	Under construction	Installed rock swale/French drains

⁴⁸ 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.

	Avenue, from Park Road to Edison Way.		
Orange Memorial Park	Regional Stormwater capture facility that will remove sediment, clean water flowing from Colma Creek into the San Francisco Bay, and potentially provide for parkland irrigation at Orange Memorial Park.	Design Phase	Underground stormwater retention facility
Fair Oaks Community School GI and Safe Routes to School Improvements	Project improvements include a biotreatment area and pedestrian improvements at Fair Oaks Community School. The project is partially funded by the C/CAG Safe Routes to School/Green Streets Infrastructure Pilot Program.	Design Phase	Biotreatment area

*Note: Serenity House was reported in FY16-17 in Section C.3.j. ii. (2) ► Table B - Planned and/or Completed Green Infrastructure Projects. However, based on the current project information, the project meets the definition of a C3 Regulated Project.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The County of San Mateo Health System (County Environmental Health, or CEH) notified Cities in an April 3, 2017 letter of its intent to terminate stormwater inspection agreements with the 17 Cities on December 31, 2017 due to staffing and cost concerns. To reflect the County's current stormwater inspection program we have updated the County's Business Inspection Plan and C.4 Enforcement Response Plan.

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 17-18 Annual Report for a description of countywide activities.

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

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

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

	Number
Total number of inspections conducted (C.4.d.iii. (2)(a))	287
Violations, enforcement actions, or discrete 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))	60

Comments:

July 2017 – June 2018.

The following facilities did not resolve their actual/potential discharge violations within 10 business days. The date, name, address, number of days to resolution, and a brief explanation are provided.*

11/15/2017- MIDNIGHT AUTOMOTIVE, 817 DOUGLAS, REDWOOD CITY, 33 days: Compliance was achieved in 33 business days and was considered a reasonable amount of time since the source of the potential discharge was primarily trash.

11/27/2017- AA SFO, San Francisco International Airport, SAN FRANCISCO, 31 days: Compliance was achieved in 31 business days and was considered a reasonable amount of time. Compliance for recent spills was achieved in a reasonable amount of time. More time was required for historical staining that needed to be addressed, but was not as easy to mitigate. Also, this facility is within the boundary of SFIA's Individual Permit and discharges are diverted to the industrial waste water line at Mel Leong Treatment Plant prior to discharge to the Bay. Actual discharge potential is low.

11/30/2017- ODYSSEY PIZZERIA & CAFÉ, 2350 CARLOS, MOSS BEACH, 85 days: Facility was inspected multiple times with a routine inspection on 11/30/17 and progressively escalating inspections on 12/15/17, 1/2/18, and 3/20/18. While an extended period of time was needed to achieve compliance, compliance was pursued and enforcement actions were taken in a reasonable amount of time. Ultimately compliance was reached.

12/15/2017- ODYSSEY PIZZERIA & CAFÉ, 2350 CARLOS, MOSS BEACH, 68 days: Facility was inspected multiple times with a routine inspection on 11/30/17 and progressively escalating inspections on 12/15/17, 1/2/18, and 3/20/18. While an extended period of time was needed to achieve compliance, compliance was pursued and enforcement actions were taken in a reasonable amount of time. Ultimately compliance was reached.

12/15/2017- ODYSSEY PIZZERIA & CAFÉ, 2350 CARLOS, MOSS BEACH, 68 days: Facility was inspected multiple times with a routine inspection on 11/30/17 and progressively escalating inspections on 12/15/17, 1/2/18, and 3/20/18. While an extended period of time was needed to achieve compliance, compliance was pursued and enforcement actions were taken in a reasonable amount of time. Ultimately compliance was reached.

1/2/2018- ODYSSEY PIZZERIA & CAFÉ, 2350 CARLOS, MOSS BEACH 56 days: Facility was inspected multiple times with a routine inspection on 11/30/17 and progressively escalating inspections on 12/15/17, 1/2/18, and 3/20/18. While an extended period of time was needed to achieve compliance, compliance was pursued and enforcement actions were taken in a reasonable amount of time. Ultimately compliance was reached.

2/16/2018- 7 MARES SEAFOOD RESTAURANT, 2809 MIDDLEFIELD, REDWOOD CITY, 27 days: Compliance was achieved in 27 business days and was considered a reasonable amount of time.

3/1/2018- 7 MARES SEAFOOD RESTAURANT, 2809 MIDDLEFIELD, REDWOOD CITY, 18 days: Compliance was achieved in 18 business days and was considered a reasonable amount of time.

3/6/2018- 7 MARES SEAFOOD RESTAURANT, 2809 MIDDLEFIELD, REDWOOD CITY, 15 days: Compliance was achieved in 15 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic. 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic, 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic, 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic, 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic, 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/16/2018- Joses Auto Mechanic, 2727 Fair Oaks, Redwood City, 13 days: Compliance was achieved in 13 business days and was considered a reasonable amount of time.

3/29/2018- Joes Foreign Car Services, 2847 Middlefield, Redwood City, 40 days: Compliance was achieved in 40 business days. Based on limitations in inspector availability, some of the delay may reflect days to confirm and not days to compliance.

4/2/2018- ASIG, BLDG 1070, SFIA, 52 days: Compliance was achieved in 52 business days. Based on limitations in inspector availability, some of the delay may reflect days to confirm and not days to compliance.

5/2/2018- Taqueria El Metate, 120 Harbor, Belmont, 27 days: Compliance was achieved in 27 business days and was considered a reasonable amount of time.

5/2/2018- Taqueria El Metate, 120 Harbor, Belmont, 27 days: Compliance was achieved in 27 business days and was considered a reasonable amount of time.

5/23/2018- Sams Chowder House, 4210 Cabrillo Hwy, Half Moon Bay, 11 days: Compliance was achieved in 11 business days and was considered a reasonable amount of time.

5/25/2018- El Gran Amigo, 2448 Hwy 1, Moss Beach, 16 days: Compliance was achieved in 16 business days and was considered a reasonable amount of time.

*Note: Reporting of violations is now more granular due to electronic inspections. Each line item reflects an individual violation. While some violations may appear to be duplicates, these are separate violations from multiple “business activities” that were identified during a single inspection.

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) ⁴⁹	Number of Enforcement Actions Taken
Level 1	Verbal Warning	34
Level 2	Warning Notice	18
Level 3	Notice of Violation	8
Level 4	Administrative Order	0
Total		60

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

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

Business Category ⁵⁰	Number of Actual Discharges	Number of Potential Discharges
ASBS (Industrial)	0	0
ASBS (Commercial)	0	9
Notice of Intent (NOI)	1	0
Vehicle Salvage Yards	0	0
Metal Recycling Yards	0	0
Vehicle Mechanical Repair / Refueling	0	16
Construction Yards and Corporate Yards	2	2
Nurseries & Greenhouses	0	5
Building Material Retailers / Storage	1	0
Plastic Manufacturers	0	0
Food Facilities	0	22
Dry Cleaners	0	0
Facilities in a Common Area (Strip Malls / Light Industrial)	0	0

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰List your Program's standard business categories.

Other Facilities	1	1
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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:

Highway 1 Brewing Company, 5720 Cabrillo Highway, Pescadero
 La Nebbia Winery, 12341 Highway 92, Half Moon Bay
 Trojak Knier Winery, 151-A Harvard, Half Moon Bay

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
Commercial/Industrial Stormwater Inspector Training Workshop	2/28/18	General Inspection requirements, including inspection basics and case studies for: shared trash enclosures; auto repair shops; large retail facilities; C.4/C.5 inspections or mobile businesses.	16	267%	16	267%
Comments: Stormwater inspection priorities were changed for inspection staff during this fiscal year. Therefore, the percent of inspectors trained exceeds 100 percent because more inspection staff was trained than who is responsible for conducting stormwater inspections.						

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 Commercial, Industrial, and Illicit Discharge (CII) Subcommittee meetings where Illicit Discharge Detection and Elimination objectives were discussed regularly. The County updated its Illicit Discharge Detection and Elimination Enforcement Response Plan in April 2018 with additional clarification on department roles, illicit discharge response procedures, and enforcement actions. 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. OOS conducted a training for Code Compliance officers in May 2018 on stormwater basics, illicit discharge regulations, and response procedures. OOS also provided Code Compliance officers with outreach materials related to proper landscape maintenance procedures to be used if improper disposal of yard waste is observed in the field. 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 SMCWPPP FY 17-18 Annual Report for 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 17-18: No Change.

C.5.d.iii. (1), (2), (3) ► Spill and Discharge Complaint Tracking
Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)
Number

Discharges reported (C.5.d.iii. (1))	10
Discharges reaching storm drains and/or receiving waters (C.5.d.iii. (2))	3
Discharges resolved in a timely manner (C.5.d.iii. (3))	10
<p>Comments:</p> <p>The County tracked ten discharge reports that were potential or actual threats to water quality in Unincorporated County. These complaints were made in a variety of ways: by the public, by County staff in the field, and through "Report It! SMC", a mobile app. All ten complaints were responded to in a timely manner. Three complaints were actual discharges:</p> <ol style="list-style-type: none"> 1) One discharge that reached the storm drain was sheet rock dust from an adjacent construction site. County staff swept up the discharge immediately and contacted the property owner about the discharge. 2) Another discharge that reached the storm drain was an accidental oil discharge. County staff immediately responded with appropriate measures. The storm drain lines that were affected were then cleaned, at the expense of the responsible party. 3) Another discharge that reached the storm drain was reported as a clogged storm drain with a dark greasy sheen and rancid odor. County staff investigated the complaint the same day and found that the storm drain was not clogged (it's a bubble up system) but did have oil. County staff cleaned the bubble up box and talked to the nearby automotive facilities about proper Best Management Practices at their facilities. <p>There were far fewer discharges reported in FY 17-18 as compared to FY 16-17 (10 total compared to 52 total). This is due to fewer potential illicit discharge complaints reported through "Report It! SMC." Most complaints made in FY 17-18 were bulky items that did not have the potential to reach a storm drain or receiving water.</p>	

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii. (3)(a), (b), (c), (d) ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
25	78	6	594
Comments:			

C.6.e.iii. (3)(e) ▶ Construction Related Storm Water Enforcement Actions		
	Enforcement Action (as listed in ERP)⁵¹	Number Enforcement Actions Issued
Level 1 ⁵²	Verbal Warning	6
Level 2	Written Notice	6
Level 3	Written warning & Stop Work	0
Level 4	Legal Action	0
Total		12

⁵¹Agencies should list the specific enforcement actions as defined in their ERPs.

⁵²For 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)	0

C.6.e.iii. (3)(g) ► Corrective Actions	
Indicate your reporting methodology below.	
<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges 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)	11
Comments: Explanation for each enforcement actions not resolved within 10 days: Of the twelve (12) enforcement actions this fiscal year, one (1) enforcement action was not resolved within 10 days, associated with construction of a new residence at 20 Homer Lane in Menlo Park. On November 20, 2017, Planning and Building Department's Erosion Control Inspector (EC Inspector) issued the property owner a Notice to Comply for erosion control, sediment control, site management, and non-stormwater violations. The EC Inspector re-inspected the site on December 12, 2017 (14 working days after first inspection) and found that the violations were corrected. The follow-up inspection was likely late due to the Thanksgiving holiday and lack of proper scheduling by the EC Inspector. P&B will include scheduling of follow-up inspections in its training of EC inspector(s) for the upcoming wet season (as described in Section C.6.e.iii. (4) ► Evaluation of Inspection Program Effectiveness, additional EC Inspectors will be trained for the 2018-2019 Wet Season.	

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: Department of Public Works: DPW issued 6 verbal warnings during 38 inspections conducted during the rainy season in FY 17-18. These were generally proactive, on-going maintenance requests by the inspector to avoid actual problems and to address BMP maintenance and site management. This was an effective enforcement tool to prevent actual problems and discharges. Last year, 29 verbal warning were issued during 46 inspections and were similarly maintenance request to avoid actual problems. Planning and Building Department: The Planning and Building Department (P&B) issued 6 enforcement actions this year which were fewer compared to last year (11 enforcement actions in FY16-17 which were fewer than previous 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.

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 the Project Development Unit (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.

Over the past 2 fiscal years, P&B utilized a mobile device for C.6 inspections, including automated inspection tracking and reporting features. The use of this system has 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). Also, automatic data tracking and reporting features reduced staff time in performing manual data entry. In looking at this year's data, Department staff will need to continue to further refine this program by 1) continuing 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 2) cross-train building inspectors to perform Erosion Control (EC) Inspection duties in order to provide the County with back-up EC inspectors when and if the EC Inspector is not available.

County staff participated in the New Development Subcommittee and SMCW PPP training workshops, as listed in C.6.f of this report. Refer to the C.6 Construction Site Control section of the SMCW PPP FY17-18 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
Stormwater Requirements for Construction Sites for CALBIG (California Building Inspection Group)	Oct 11, 2017	<ul style="list-style-type: none"> Review of stormwater requirements for construction sites; documenting and tracking inspections; when to take enforcement actions and when to escalate enforcement; tips for keeping your stormwater program in compliance; SMCWPPP guidelines / resources. 	5 County staff, including 52 Building Inspectors, Erosion Control Inspector and 1 Planner
County of San Mateo Construction BMPs and Wildlife Avoidance Measures Training	Nov 1, 2017	<ul style="list-style-type: none"> Construction Stormwater BMPs Sensitive Species and Avoidance Measures Animex Wildlife Exclusion Fencing BMPs and Erosion Control Supplies Display (Reed & Graham) 	83 County staff, including the Erosion Control Inspector and a Planner 80 DPW staff including 10 DPW inspectors
Ertec Environmental Systems Presentation	Nov 16, 2017	<ul style="list-style-type: none"> Presentation on Ertec erosion, sediment, and wildlife control systems 	11 DPW staff including 3 DPW inspectors
Qualified SW PPP Practitioner Training (WRECO)	Dec 12-14, 2017	<ul style="list-style-type: none"> NPDES and CGP requirements Erosion and Sediment Processes and Control Mandated BMPs and Field Implementation Monitoring Reporting 	3 DPW inspectors
SMCWPPP Construction Site Stormwater Inspection Training for Municipal Inspectors	Mar 20, 2018	<ul style="list-style-type: none"> Construction Site Regulations and BMPs Field demonstrations of inlet protection, sediment and erosion control 	18 County staff, including a Planner; 13 DPW staff including 8 DPW inspectors

Roads Permit Training (Supervisors and Management)	May 15, 2018	<ul style="list-style-type: none"> • Environmental regulations (state and federal) and permit requirements • Permitting workflow • County maintenance standards • Standard BMPs • Lessons learned 	13 DPW staff
Certified Inspector of Sediment and Erosion Control Training	May 17-18, 2018	<ul style="list-style-type: none"> • EPA Rules and Regulations • Background of an Inspector • Inspecting Best Management Practices • Conducting Construction Site Inspections 	4 DPW inspectors

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:

As part of the San Vicente Creek Water Quality Improvement Plan, the County partnered with the San Mateo Resource Conservation District to conduct a pet waste outreach campaign on the midcoast. In FY 17-18, the campaign included the following activities: development of an online pet waste pledge, tabling at events, community cleanups, email alerts before rain events, and an article in a local newsletter.

In FY 16-17, 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.

See Section 7 and Section 9 of the SMCWPPP FY 17-18 Annual Report for a description of outreach campaign activities conducted at the countywide level.

C.7.c. Stormwater Pollution Prevention Education

No Change.

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

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

Use the following table for reporting and evaluating public outreach events

OOS staff provided stormwater pollution prevention outreach materials including dog waste bags, flyers, and brochures in Spanish, English, and Chinese while tabling at the following events:

- Menlo Park Block Party
- San Carlos Airport Day
- Port Fest - Redwood City
- Foster City Open House
- County of San Mateo Benefits Fair
- Notre Dame de Namur University Internship Fair
- Marine Science Institute Earth Day on the Bay
- East Palo Alto Earth Day
- San Mateo County Health System Earth Week
- College of San Mateo Earth Day
- Environmental, Health, and Safety Fair at Abbott Vascular
- Seaport Center Earth Day
- SSFSC Compost Workshop and Earth Day
- Master Gardeners' Plant Sale
- Pacifica Earth Day
- Shoreway Environmental Center Earth Day
- Belmont Earth Day
- Daly City Earth Day
- Peninsula Family YMCA Healthy Kids Day
- Portola Valley/Woodside Earth Day
- STEAM Fest 2.0
- Dia de Los Niños
- Amgen Earth Day
- San Carlos Community Volunteer Expo
- Belmont Compost Workshop
- City of San Mateo Neighborhood Clean Up
- Kavanaugh Neighborhood Revitalization, Beautification and Environmental Projects, Block Party Festival and Nonprofit Community Street Fair
- America Recycles Day

Outreach flyers and brochures provided at events and in OOS's office space for the public include information on household hazardous waste disposal, used oil recycling, rain barrel rebates, and other pollution prevention topics.

OOS staff also participated and provided input at the Countywide Stormwater Public Information and Participation Subcommittee meetings.

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 Section 7 of the SMCWPPP FY 17-18 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level.

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
Coyote Point Park Clean Up, 8/16/2017	This event was targeted for Child Support Services staff with focused messaging on water quality.	9 volunteers removed 10 pounds of trash from the park.
Colma Creek Coastal Cleanup Day Event, 9/16/2017, Colma Creek in South San Francisco	Creek cleanup event coordinated by City of South San Francisco, County/SMCFCD, SMCWPPP, California Coastal Commission, and Ocean Conservancy. This event targeted the general public with focused messaging on litter reduction.	66 volunteers removed approximately 6.7 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.
Coyote Point Park Coastal Cleanup Event, 9/17/2017	This event was targeted to the general public with focused messaging on water quality.	250 volunteers removed three cubic yards of trash and 120 gallons of recycling from Coyote Point Park.

Tunitas Creek Beach Cleanup Event, 11/19/2017	This event was targeted to the general public with focused messaging on water quality.	31 volunteers removed 144 pounds of trash, 193 pounds of recycling, and 26 pounds of tires from Tunitas Creek Beach.
Colma Creek Volunteer Day, 12/21/2017, Colma Creek in South San Francisco	Creek cleanup event with outreach and education messaging related to stormwater pollution prevention and litter reduction.	8 volunteers from StayWell (local healthcare company) removed approximately 1.7 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.
Colma Creek Volunteer Day, 1/20/2018, 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.	27 volunteers (including students and parents from Buri Buri Elementary and Alta Loma Middle School), as well as SMCFCD staff and the County's restoration consultant planted approximately 1,000 native plants and removed approximately 0.8 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.
Tunitas Creek Beach Cleanup Event, 3/18/2018	This event was targeted to the general public with focused messaging on water quality.	31 volunteers removed 119 pounds of trash, 46 pounds of recycling, and 47 pounds of tires from Tunitas Creek Beach.
Coyote Point Park Beach Cleanup, 4/18/2018	This event was targeted to the general public with focused messaging on water quality.	7 volunteers removed 8 pounds of trash from Coyote Point.
Colma Creek Earth Day Cleanup Event, 4/21/2018, Colma Creek in South San Francisco	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.	20 volunteers removed approximately 2.1 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.
Coyote Point Park Earth Day Beach Cleanup Event, 4/21/2018	This event was targeted to the general public with focused messaging on water quality.	202 volunteers removed 3 cubic yards of trash and 105 gallons of recycling.
Tunitas Creek Beach Cleanup, 4/21/2018	This event was targeted to the general public with focused messaging on water quality.	41 volunteers removed 31 pounds of trash, 31.5 pounds of recycling, and 85 pounds of tires.
National River Cleanup Day, 5/19/2018, Colma Creek in South San Francisco	Creek cleanup event coordinated by City of South San Francisco and County/SMCFCD staff. This event targeted	15 volunteers removed approximately 2.4 cubic yards of trash and illegally dumped material along the banks of lower Colma Creek.

	the general public with focused messaging on litter reduction.	
Tunitas Creek Beach Cleanup, 5/20/2018	This event was targeted to the general public with focused messaging on water quality.	22 volunteers removed 42 pounds of trash, 69 pounds of recycling, and 40 pounds of tires.
Be Seen Keepin' It Clean community clean-up, 6/2/2018, North Fair Oaks	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 78 volunteers and resulted in the collection of a total of 1.1 tons of solid waste, recycling, and organics collected from curbs sidewalks and easements in North Fair Oaks neighborhoods.
Tunitas Creek Beach Cleanup, 6/17/2018	This event was targeted to the general public with focused messaging on water quality.	13 volunteers removed 68 pounds of trash, 86 pounds of recycling, and 40 pounds of tires.

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:

DPW continued to contribute to a number of watershed stewardship programs in unincorporated San Mateo County. DPW staff continued participation in multiple watershed stewardship programs and collaboratives 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. Additional information on the Program is available at: <https://publicworks.smcgov.org/flood-resilience>

OOS and Parks worked in partnership to upgrade low flow toilets and sinks in two restroom facilities at Memorial Park. Memorial Park is a County park located in the Pescadero Creek watershed, which is an impaired watershed. Water supply in Memorial Park is drawn from Pescadero Creek, so by upgrading to more water efficient devices, flow can be partially restored in Pescadero Creek. In addition to the specific restroom upgrades, all necessary faucet replacements occurring in Memorial County Park have been switched over to an auto-shutoff model in an effort to continue to upgrade infrastructure and keep water supply in Pescadero Creek.

County staff continue to implement plans to prevent or reduce discharges of bacteria in the San Vicente Creek watershed related to the San Vicente Creek Water Quality Improvement Plan. In FY 16-17, 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.

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 DMC recommended updates to the County Parks dog policies in December of 2017 to the Parks and Recreation Commission, which were approved by the Commission. Draft ordinance language will be shared in October 2018 with the Parks and Recreation Commission and then to the Board of Supervisors for two readings and adoption later in 2018.

The Parks Department is working with San Mateo County Resource Conservation District to address sediment issues related to a historic logging road, Old Haul Road, in Pescadero Creek County Park. Two repairs are scheduled for fall 2018 to address sediment discharge at Keystone and Harwood Creeks. It is estimated that these repairs will save approximately 11,000 cubic yards of sediment delivery to Pescadero Creek. At the time of this report the RWQCB 401 certificate is the only outstanding permit necessary to carry out the work in fall 2018.

San Mateo County and the City/County Association of Governments (C/CAG) hosted an event on March 30, 2018 on water management issues in San Mateo County. Nearly 400 people attended, including elected officials, city staff, and members of the public. Two panels were held on managing for water extremes, and on collaboration, funding, and governance. 27 posters on a variety of water topics were on display.

See Section 7 of the SMCWPPFY 17-18 Annual Report for a description of watershed stewardship collaborative efforts conducted at the countywide level.

C.7.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

See Section 7 of the SMCW PPP FY 17-18 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Zero Waste Summer Institute, June 2018, 3 rd grade through high school teachers	Teacher-training workshop. Various activities such as litter prevention lessons were explained to teachers during this workshop	35 teachers attended	Teachers to create Waste Reduction Unit Lesson Plans. The results of the lesson plans will be demonstrated in January 2019 during a capstone meeting and information such as number of students reached will be shared
Colma Creek Volunteer Day, 1/20/2018, 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.	22 students, 1 teacher	27 volunteers (including students and parents from Buri Buri Elementary and Alta Loma Middle School), as well as SMCFCDD staff and the County's restoration consultant planted approximately 1,000 native plants and removed approximately 0.8 cubic yards of trash. The County biologist began the event with a brief presentation about litter reduction, stormwater pollution prevention, watersheds, and wetland ecology. Educational stormwater materials were distributed. The teacher provided positive feedback and has requested that two events be scheduled for FY18-19.

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 Used⁵³						
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁴					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	0	0	0			
Active Ingredient Chlorpyrifos	0	0	0			
Active Ingredient Diazinon	0	0	0			
Active Ingredient Malathion	0	0	0			
Pyrethroids (see footnote #57 for list of active ingredients)	0.16 oz	0.51 oz	0.21 oz			
Pyrethrins (Microcare 3%)	0.12 oz	0	0			
Deltamethrin (Suspend SC)	0.01 oz	0.51 oz	0.21 oz			
Esfenvalerate (Onslaught)	0.03 oz	0	0			
Carbamates	0	0	0			
Active Ingredient Carbaryl	0	0	0			
Active Ingredient Aldicarb	0	0	0			
Fipronil	0	0	0			

⁵³Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁴Weight 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, cypemethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Indoxacarb	Reporting not required in FY 15-16	3.42 oz	0.43 oz			
Diuron	Reporting not required in FY 15-16	0	0			
Diamides	Reporting not required in FY 15-16	0	0			
Active Ingredient Chlorantraniliprole		0	0			
Active Ingredient Cyantraniliprole		0	0			

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 SMCW PPP 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 17 -18, the County continued to implement its IPM policy, as adopted July 24, 2012. The DPW and Parks departments require that all vegetation management decisions be consistent with the County IPM policy document. Consistent with this policy, the DPW Roads Division used mowing exclusively in FY 17-18 to manage roadside vegetation. Goats were used for vegetation management at closed landfill facilities, one in Pescadero and one in Half Moon Bay. The standard IPM practice for DPW's Facilities, Maintenance and Operations (FMO) Section is to work closely with the pest control contractor and opt for less chemicals whenever possible; examples include 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 FMO contractor to treat for pests and rodents on the outside of County facilities during FY 17-18 and are reported above. DPW will continue using the SMCW PPP pesticide tracking Excel template.

County Parks Department's Natural Resource Management staff (ecologists and biologists) write all IPM contractor's scopes of work involving herbicide applications within County parks. These restoration prescriptions keep IPM principles and BMPs in mind using the latest science and research available to inform the approach. None of the above listed pesticides were used by County Parks in FY17-18. Annually, the Parks Department obtains Pest Control Recommendations for herbicides 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, identify areas with combinations of methods to most effectively reduce the target invasive species population, and to minimize future use of herbicides. The Natural Resource Management program created an online reporting tool for contractors to complete after work. Staff also conduct random field checks when contractors are working within County parks to ensure compliance with scope of work details and the County IPM policy. Our reporting tool

provides a digital record 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.

Natural Resource staff attended the May 15, 2018 SMCW PPP IPM Contractor Management Workshop to further refine and inform our approach to managing contractors. The Parks Department's Natural Resource Management program focus is to work to restore native plant communities that facilitate natural function and are able to self-sustain with minimal intervention using herbicides over the long-term. In the first few years invasive species control projects usually require herbicides to address initial infestation levels and over time reduce the population to a level where other non-chemical techniques can be used, such as hand-weeding and/ or volunteer efforts, mowing, or grazing. This has been the case at Devil's Slide Trail where large scale jubata grass removal has been completed, native plant installation has become more of a focus, and very little herbicide use was required in FY 17-18.

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.	10
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	10
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%

Type of Training:
 All Parks Department employees attended either the SMCW PPP Landscape IPM Training held on March 7, 2018 or the SMCW PPP IPM Contractor Management Workshop held on May 15, 2018. In addition, a number of staff attended a PAPA seminar and CAPCA training.

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

If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

The County of San Mateo verifies IPM contractor performance by hiring professionals that certify that they are properly trained and use IPM and by requiring that contract specifications adhere to the adopted IPM policy. 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.

During FY 17-18, DPW FMO contracted with Genesis Pest Control to treat for pests and rodents in and around County facilities. The County IPM policy was incorporated into the contract (Agreement No. 47300-16-D007), which was executed on September 9, 2015. The FMO contractor provides monthly reports with pesticide usage which are reviewed by FMO staff. DPW also contracts with several landscape/restoration consultants for on-going maintenance at a County-owned property in Pescadero and several mitigation and restoration sites throughout the County. The County IPM policy was included as a condition for applicable task order authorizations. The majority of work performed by these contractors involved hand weeding and native plant replacement. However, one task order authorization involved targeted non-native species control using herbicides. Roundup Custom was used at the Pescadero property to control a widespread jubata grass infestation. Herbicide application was performed by licensed applicators (primarily by backpack sprayer) per a Pest Control Recommendation prepared by a licensed Pest Control Advisor prior to the start of the project. Jubata grass was manually removed in sensitive habitat areas near water.

The Parks Department in limited emergency situations where recreationists' health could be impacted use over-the-counter wasp control. Prior to purchase a request was made to County Environmental Health to review options that would not be in conflict with the MRP or contain pesticides listed above. County Environmental Health provided a recommendation and that has been adopted system-wide. In cases where large hives are identified Parks Department staff contact the San Mateo County Mosquito and Vector Control District to address the issue. Primarily natural resource management staff contract for use of herbicides on our properties. The County IPM policy was included as a condition for applicable contracts and task order authorizations. In addition, Parks Collector document is also a condition of contract and task order authorizations which tracks the locations and type of IPM activity carried out (mulch, hand weeding, herbicide, etc.) including site conditions, weather, amounts used, and infestation levels. Parks sent one Natural Resource Management staff charged with contractor oversight to the SMCW PPP IPM Contractor Management Workshop held on May 15, 2018. County Parks Natural Resource Manager writes contractor's scopes of work and prescriptions for herbicides with IPM principles in mind. The natural resource management staff identifies which herbicides can be used, areas where herbicides should not be used in favor of other methods, and identifies areas with combinations of methods to most effectively reduce the population to avoid future use of herbicides. 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. Contractor implemented projects occurred at Devil's Slide Trail, Fitzgerald Marine Reserve, Junipero Serra County Park, Pescadero Creek County Park, Pigeon Point Bluffs, Pillar Point Bluffs, San Bruno Mountain State and County Park, and Wunderlich County Park. All projects included a variety of techniques including herbicide, mulching, weed fabric, mowing, and hand control.

C.9.d ► Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, summarize the communication. If no, explain.

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.

DPW worked collaboratively with the County Ag Department to co-fund, identify priority areas, develop the scope of work and contracts for the above-mentioned jubata grass management work at the County-owned property in Pescadero. DPW also coordinated with the Agriculture Department to eliminate the spread of fertile capeweed in the Pescadero area. Fertile capeweed is designated as a very rare and very noxious weed by the California Department of Food and Agriculture and a red alert weed by the California Invasive Plant Pest Council. DPW coordinated with the Agriculture Department to ensure that DPW crews were aware of the species and to share relevant vegetation maintenance BMPs.

Parks Department worked collaboratively with the County Ag Department to address jubata grass infestations at Pillar Point Bluffs and discussed strategies to address infestations on private lands. In addition, signage was installed concerning fertile capeweed at parks where there is heavy equestrian use based on a request from the Ag Department. Additionally, the Ag Department assists County Parks in control of skeleton weed at Edgewood County Park and Natural Preserve.

County staff did not observe or receive reports of water quality issues related to pesticides during the reporting period.

See Section 9 of the SMCW PPP FY 17-18 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 Section 9 of the SMCW PPP FY 17-18 Annual Report for a description of point of purchase public outreach efforts conducted at the countywide level and regionally.

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

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

Summary:

See Section 9 of the SMCW PPP FY 17-18 Annual Report for a summary of outreach to residents who hire pest control and landscape professionals.

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

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

Summary:

See Section 9 of the SMCW PPP FY 17-18 Annual Report for a summary of 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 17-18, we participated in regulatory processes related to pesticides through contributions to the Countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary	
For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage	
Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	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) ⁵⁵	27.8%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	10.0%
SubTotal for Above Actions	88.5%
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)	NA
Total (Jurisdictional-wide) % Trash Load Reduction through FY 2017-18	88.5%
<p>Discussion of Trash Load Reduction Calculation: The County attained and reported 89.6% trash load reduction (including trash offsets) in its FY 16-17 Annual Report. During FY 17-18, the County continued to implement a robust trash control measure program. This helped the County maintain its trash load reduction above the mandatory 70% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 17-18 is 88.5% (including trash offsets). The most recent version of the County's Baseline Trash Generation Map can be downloaded here: http://www.flowstobay.org/content/municipal-trash-generation-maps</p>	

⁵⁵ See Appendix 10-1 for changes between 2009 and FY 17-18 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.ii.b ► Trash Generation Area Management - Identification of Private Drainages >10,000 ft²

State (Y/N) if your agency completed Permit Provision C.10.a.ii.b. If Yes, attach a map (or other record) or provide a website link to a map (or other record) of the location of lands >10,000 ft² (in Very High, High, and Moderate trash generation areas) that are plumbed directly to the Permittee's storm drain systems, including trash control status of these areas. If No, provide explanation of why the provision was not completed and the estimated date when the provision will be completed.

Did your agency complete Permit Provision C.10.a.ii.b?	X	Yes		No		NA
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If No, provide explanation and estimated completion date:

Not Applicable

The County worked through SMCW PPP to identify the location of land areas >10,000 ft² in very high, high, and moderate trash generation areas (as depicted on the County's baseline trash generation map) that are plumbed directly to the County's MS4. In summary, applicable land areas were identified using existing data/information and a combination of desktop analyses and field visits. Land areas <10,000 ft², or areas identified as low trash generating on the County's baseline trash generation maps, or are currently treated by full capture systems were excluded from the analysis. The preliminary trash control status of these land areas were identified by conducting virtual (desktop) on-land visual trash assessments (OVTAs). For a complete description of the methods and process used to identify applicable land areas and their trash control status, please see the SMCW PPP FY 17-18 Annual Report.

URL link to Maps:

<http://www.flowstobay.org/content/municipal-trash-generation-maps>

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 17-18, during FY 17-18, 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 17-18		
Connector Pipe Screens (Public)	166	583.6
Installed in FY 17-18		
None	-	-
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). A small portion of the area treated is associated with 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 17-18 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 17-18 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 17-18	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 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 17-18, 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>
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>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 SMCW PPP field form template for logging inspection and maintenance, and the data are tracked electronically. During FY 17-18, DPW piloted use of an automated trash full capture device inspection process to allow for electronic field data collection using handheld devices and</p>

				<p>Collector for ArcGIS integrated with Survey 123. The program was successful and will be continued in FY 18-19.</p> <p>For FY 17-18, a total of 316 scheduled inspections were conducted at the 166 full trash capture device locations. Device maintenance was performed during 278 of the 316 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>The Office of Sustainability organized the annual “Been Seen Keepin’ It Clean” community cleanup event in North Fair Oaks (NFO) held on June 2nd, 2018. 78 volunteers participated, and 1.1 tons of solid waste, recycling, and organics was collected from curbs, sidewalks, and easements.</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.</p> <p>In addition to the full trash capture device described above in C.10.b.i, DPW also installed one partial-capture treatment device (ARS) along Middlefield Road in FY 09-10. 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. On March 21, 2017, DPW authorized a consultant to begin work on a Trash Capture Feasibility Study (study) for the Athlone Terrace Pump Station including: analyzing system hydrology, site constraints, device recommendations, cost estimates and trash load reduction estimates. DPW has since issued a revised scope to also analyze and prepare concept designs for pump station capacity improvements including full trash capture. The study is currently underway and will be completed in November 2018. DPW is currently applying for grant funding for the improvements. DPW will use information from the two studies 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).</p> <p>In addition to the feasibility work commissioned for the Athlone Terrace Pump Station (Phase 1 of the study) described above, during FY 17-18, the County authorized a consultant to begin Phase 2 of the study involving feasibility and siting for additional full</p>

	<p>trash capture devices in TMAs 1, 2, 3, 4, and 5 in order to meet the remaining 11% reduction by 2022. The draft report is currently in review, and the study will be finalized by November 2018.</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 was attached to the County's FY 16-17 Annual Report. 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>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, 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-need 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>2</p>	<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 addition to the full trash capture device described above in C.10.b.i, 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> <p>As described above, during FY 17-18, the County authorized a consultant to begin Phase 2 of the trash study involving feasibility and siting for additional full trash capture devices in TMAs 1, 2, 3, 4, and 5 in order to meet the remaining 11% reduction by 2022. The draft report is currently in review, and the study will be finalized by November 2018.</p>
<p>3</p>	<p>In addition to the full trash capture device described above in C.10.b.i, 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</p>

	<p>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> <p>As described above, during FY 17-18, the County authorized a consultant to begin Phase 2 of the trash study involving feasibility and siting for additional full trash capture devices in TMAs 1, 2, 3, 4, and 5 in order to meet the remaining 11% reduction by 2022. The draft report is currently in review, and the study will be finalized by November 2018.</p>
4	<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 in the unincorporated Harbor/Industrial area. A copy of the Resolution was included as an attachment in the County's FY15-16 Annual Report.</p> <p>As described above, during FY 17-18, the County authorized a consultant to begin Phase 2 of the trash study involving feasibility and siting for additional full trash capture devices in TMAs 1, 2, 3, 4, and 5 in order to meet the remaining 11% reduction by 2022. The draft report is currently in review, and the study will be finalized by November 2018.</p>
5	<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 and the San Vicente Creek Water Quality Improvement Plan. Tasks included routine inspection of key outfall locations for litter and debris, increased frequency of catch basin inspection and maintenance in the San Vicente Creek watershed, community cleanup events, and continued education and outreach in collaboration with the RCD. Enhanced street sweeping in the San Vicente Creek watershed is scheduled for FY 18-19.</p> <p>The DPW Roads Division continued to conduct on-land trash cleanups at hot spot locations where litter is more commonly 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>As described above, during FY 17-18, the County authorized a consultant to begin Phase 2 of the trash study involving feasibility and siting for additional full trash capture devices in TMAs 1, 2, 3, 4, and 5 in order to meet the remaining 11% reduction by 2022. For TMA 5, the study is focused on the unincorporated Princeton area. The draft report is currently in review, and the study will be finalized by November 2018.</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 is considering conducting VTAs in TMA 6 in FY 18-19, now that the County has identified areas draining to private inlets.</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</p>

	<p>street debris and significantly reduce the opportunity for trash to enter into our storm drain system. DPW staff continue to investigate whether street sweeping enhancements or target cleanups are needed for the remaining streets in this area. To date, randomly selected visual trash assessments have not taken place at this location. Once the area is formally assessed via the protocol, the County will re-evaluate whether additional measures are needed.</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 three assessments during FY 17-18, 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 notification as needed. During visual trash assessments (4) conducted during FY 17-18, the assessment reach was observed as trash category A - low trash generation rate.</p>
8	<p>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.</p>
9	<p>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.</p>
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 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.</p> <p>The Office of Sustainability provided technical advice to teachers and administration on how to improve the schools' waste reduction program, which includes litter prevention on campus.</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 SMCWPPP Trash Subcommittee Workgroup working on compliance with the Municipal Regional Permit requirements on Trash Hot Spot identification, assessment, and cleanup.</p> <p>The OOS developed printed flyers on uncovered loads in collaboration with CalTrans. The flyers are placed at the office's Waste Management Plan counter, where homeowners and contractors who self-haul their construction waste and debris would come in to process their plans.</p> <p>OOS launched the Adopt-the-Block volunteer cleanup program. Volunteers can participate in the program by adopting streets in their neighborhood and committing to cleaning them up regularly. Volunteers can learn more about the program and check which blocks are available for adoption at www.smcsustainability.org/volunteer. To date, one volunteer group has adopted a block and conducts regular cleanups.</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. Currently, the County and Clean Water Action has partnered together for a one year pilot project to conduct outreach to businesses to identify and implement waste reduction practices. During this one-year pilot project, up to 50 food businesses and institutions will be reached with source reduction messaging, seven to ten businesses will sign-up, and three to six businesses will complete certification with measurable impacts reported in final reports.</p> <p>The County included information in residential Recology bills in FY 17-18 reminding residents to keep their container lids fully closed, especially during the rainy season. The following information was included in commercial Recology bills: "Waste/Recycling container lids must be fully closed in order to avoid additional fees caused by containers that are overflowing or where litter has spilled out of the container. The trash that spills out onto the ground can enter the storm drains during the rainy season."</p>
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	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.
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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 17-18 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

If no on-land visual assessments were performed, check here and state why:

Explanation: No OVTAs were conducted in TMA # 6, 8, or 9 in FY 17/18 because there is very limited street length available for assessments.

TMA ID or (as applicable) Control Measure Area	Total Street Miles ⁵⁶ Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles Assessed ⁵⁷	% of Available Street Miles Assessed	Avg. # of Assessments Conducted at Each Site ^{58, 59}	
1	8.34	1.05	12.6%	2.6	12.1%
2	1.35	0.93	69.0%	4.0	3.6%
3	0.72	0.16	22.3%	2.0	0.0%
4	0.92	0.22	23.8%	4.0	2.1%
5	3.47	0.79	22.8%	5.0	3.6%
6	0.06	0.00	0.0%	0.0	0.0%
7	2.35	0.50	21.2%	5.2	6.4%
8	0.10	0.00	0.0%	4.0	0.0%

⁵⁶ Street miles are defined as the street lengths and do not include curbs associated with medians.

⁵⁷ Assessments conducted between July 2016 and July 2018 are assumed to be representative of trash levels in FY 17-18 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

⁵⁸ Each assessment site is roughly 1,000 feet in length.

⁵⁹ Based on analyses conducted as part of the BASMAA *Tracking California's Trash* project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

9	0.06	0.00	0.0%	0.0	0.0%
Total		3.65	-	-	27.8%

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 (%)
Single Use Bag Ordinance	<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/fileattachments/final_15_plastic_bag_ord_04637_0.pdf</p> <p>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 -</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</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</p>	7%	10.0% (Maximum)

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>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>needed. For the 287 stormwater inspections conducted by CEH, there were no violations of the bag ban noted.</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>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>		
Expanded Polystyrene Food Service Ware Ordinance	<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:</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</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</p>		

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

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

	<p>http://www.smchealth.org/generalinformation/polystyrene-foodwareban-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>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 79 routine stormwater inspections conducted at food facilities, there were 3 noncompliant sites for polystyrene containers. CEH will continue to work with these facilities to ensure they transition to more environmentally friendly products.</p>	<p>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.b.v ► Trash Reduction – Receiving Water Monitoring

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

Guidance:

In FY 17-18, the County began implementing the BASMAA regional Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations in San Mateo County. Implementation occurred through the County's participation in the San Mateo Countywide Water Pollution Prevention Program (SMCWPPP). Additional information on accomplishments in FY 17-18 can be found in the Trash Receiving Water Monitoring Progress Report included in the SMCWPPP FY 17-18 Annual Report.

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 17-18 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 17-18.

Trash Hot Spot	New Site in FY 17-18 (Y/N)	FY 17-18 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
SCPO1	N	9/21/17	0.2	0.2	0.5	1.8 ⁶⁰	0.2
SCPO2	N	9/16/17	0.3	0.5	0.2	0.2	0.6

⁶⁰ Increases in FY 16-17 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
Proposed street sweeping enhancements for TMA 1 included in Long-Term Trash Load Reduction Plan are being re-evaluated following the results of Phase 1 and Phase 2 of the Trash Capture Feasibility Study described above.	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 17-18. 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 17-18	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 FY17-18, 13 SWP cleanups were conducted resulting in removal of approximately 47 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 7 cubic yards of litter and illegally dumped material. County staff also conducted several cleanups at County Parks. In FY 17-18, 9 cleanups were conducted in total at Coyote Point Park and Tunitas Creek Beach.</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>	NA	NA
Direct Trash Discharge Controls (Max 15% Offset)	NA	NA	NA

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18.⁶¹

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	134	261	308	0	702	424	198	80	0	702	47.4%	616	25	61	0	702	12.1%	59.5%
2	0	13	22	0	35	3	12	21	0	35	0.4%	17	18	1	0	35	3.6%	3.9%
3	1	30	8	0	40	12	23	4	0	40	1.1%	14	11	14	0	40	0%	1.1%
4	0	60	1	0	61	1	59	1	0	61	0%	40	20	0	0	61	2.1%	2.1%
5	3	159	0	0	162	23	139	0	0	162	1.0%	97	65	0	0	162	3.6%	4.6%
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%	128	18	0	0	146	6.4%	7.2%
8	0	4	0	0	4	0	4	0	0	4	0%	1	3	0	0	4	0.0%	0.1%
9	171,854	2	0	0	171,856	171,854	2	0	0	171,856	0%	171,854	2	1	0	171,856	0%	0%
Totals	171,992	671	346	0	173,009	172,332	566	111	0	173,009	50.8%	172,769	164	76	0	173,009	27.8%	78.5%

⁶¹ Due to rounding, total acres and percentages presented in this table may be slightly different than the sum of the acres/percentages in the corresponding rows/columns (e.g., differ by 1 acre or 0.1%).

Section 11 - Provision C.11 Mercury Controls

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

See the SMCW PPP FY 2017-18 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁷ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

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

See the SMCW PPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ▶ Implement a Risk Reduction Program

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCW PPP FY 2017-18 Annual Report.

⁵⁷BASMAA 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 SMCW PPP FY 2017-18 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 Methodology⁵⁸ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

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

See the SMCW PPP FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and PCBs load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way

A summary of countywide and regional accomplishments for this sub-provision is included in the SMCW PPP FY 2017-18 Annual 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.

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 countywide and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of the SMCW PPP FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement? Yes No

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

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCW PPP FY 2017-18 Annual Report.

C.12.h ▶ Implement a Risk Reduction Program

A summary of countywide and regional accomplishments for this sub-provision are included in the SMCW PPP FY 2017-18 Annual Report.

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

Requirements for the cleaning and treating of copper architectural features is regulated by Chapter 4.100 of the San Mateo County Ordinance Code. This fiscal year, San Mateo County has not had any enforcement actions related to the improper cleaning or treating of architectural copper at construction sites or post-construction sites. Planning and Building staff informs applicants of architectural copper requirements through the use of the C3 and C3 Development Review Checklist which contains Architectural Copper as a source control measure. Planning and building permit applications are reviewed for the use of copper architectural features and, should a project incorporate such features, Planners would provide guidance to applicants on the installation and maintenance of these features (including conditions of approval related to architectural copper). The SMCWPPP flyer on Architectural Copper BMPs is available to applicants on the County's website.

C.13.b.iii. (3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

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

Summary:

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:

The Office of Sustainability (OOS) continued administering the water and energy conservation program called Check It Out! Home Energy and Water Saving Toolkit which launched in FY 16-17. San Mateo County residents can 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 water leak 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. 350 number of people checked out the toolkit in FY 17-18. For more info, visit <http://www.smcsustainability.org/energy-water/programs/>.

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 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 17-18.

APPENDIX TABLE OF CONTENTS

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

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

Name	Street Number	Street Name	City
SFIA CENTRAL PLANT		CENTRAL GARAGE SUBLEVEL	SFIA
ARCANGELI MARKET	287	STAGE	PESCADERO
OVY CAMP	5360	HWY 84	LA HONDA
THE LATIN CLUB	2651	EL CAMINO REAL	REDWOOD CITY
EL GRAN AMIGO	2448	HWY 1	MOSS BEACH
JASPER RIDGE BIOLOGICAL PRESER	4001	SAND HILL	WOODSIDE
THE PRESS	107	SEVILLA	EL GRANADA
LAMAS PERUVIAN FOOD	270	CAPISTRANO	PRINCETON
A COZZOLINO NURSERY	12599	SAN MATEO	HALF MOON BAY
ZOHRABS ARCO GARAGE	3233	MIDDLEFIELD	MENLO PARK
EL GRANADA HARDWARE & CAFE	85	PORTOLA	EL GRANADA
SAMS CHOWDER HOUSE	4210	CABRILLO HWY	HALF MOON BAY
SEQUOIA BILLIARD SUPPLY	885	HURLINGAME	REDWOOD CITY
STILLPATH RETREAT CENTER, LLC	16350	SKYLINE	WOODSIDE
ELYSIUM THERAPEUTICS INC	137	MAIN	HALF MOON BAY
BFI OX MOUNTAIN	12310	HWY 92	HALF MOON BAY
PRINCETON CORP YARD	203	CORNELL	PRINCETON
TOMKAT RANCH LLC	2997	PESCADERO	PESCADERO
PORTOLA VALLEY TRAINING CENTER	100	ANSEL	MENLO PARK
SFO FUEL CO LLC	904	NORTH ACCESS	SFIA
REDWOOD MINI MARKET	2775	EL CAMINO REAL	REDWOOD CITY
CATRINAS TAQUERIA	2855	MIDDLEFIELD	REDWOOD CITY
Enterprise/Alamo/National SFO QTA	780	McDonnell	San Francisco
AUTOBAHN MOTORS - SERVICE	525	HARBOR	BELMONT
BIANCHI FLOWERS INC.	243	BUTANO CUT OFF	PESCADERO
ROMEO PACKING CO	106	PRINCETON	PRINCETON
FIRE STATION #4	3322	ALAMEDA DE LAS PULGAS	MENLO PARK
FIRE STATION #5	4101	FAIR OAKS	MENLO PARK
TAQUERIA EL METATE	120	HARBOR	BELMONT
SKYLINE REAL ESTATE LLC	13090	SKYLINE	WOODSIDE
SKYLINE REAL ESTATE LLC	13100	SKYLINE	WOODSIDE
HAPPY TAILS DOG DAYCARE, INC.	507	ONEILL	BELMONT
INDIA BEACH RESTAURANT	425	AVENUE ALHAMBRA	EL GRANADA
Suburban Propane	387	NORTH	Pescadero
A REPETTO NURSERY	12351	HWY 92	HALF MOON BAY
CASCADE RANCH	3100	HWY 1	PESCADERO
POOLS ETC	763	MARSH	MENLO PARK
EAST PALO ALTO WATER DIST CA	2415	UNIVERSITY	EAST PALO ALTO
APPLE JACKS	8790	LA HONDA	LA HONDA
CHEVRON STATION	3600	ALAMEDA DE LAS PULGAS	MENLO PARK
PITA HUB	2300	BAY	REDWOOD CITY
SEVILLE TAPAS	450	CAPISTRANO	HALF MOON BAY
CHAVEZ SUPERMARKET	46	5TH	REDWOOD CITY

MARTINS	3143	MIDDLEFIELD	REDWOOD CITY
SFIA TANKS (17)		PLOT 40-AVV GRD TKS SFIA	SFIA
COUNTRY ROGUE CONSTRUCTION	130	TUNITAS CREEK	HALF MOON BAY
JOSES AUTO MECHANIC	2727	FAIR OAKS	REDWOOD CITY
FOX RENT A CAR	782	MCDONNELL	SFIA
ASIG		BLDG 1070	SFIA
PENINSULA EQUINE	100	ANSEL	MENLO PARK
MARCHI CENTRAL FARM	12720	HWY 1	PESCADERO
JOES FOREIGN CAR SERVICES	2847	MIDDLEFIELD	REDWOOD CITY
PALETERIA LOS MANGUITOS #2	2821	MIDDLEFIELD	REDWOOD CITY
MAZZOCOS SPORTS BAR	2808	MIDDLEFIELD	REDWOOD CITY
7 MARES SEAFOOD RESTAURANT	2809	MIDDLEFIELD	REDWOOD CITY
ODYSSEY PIZZERIA & CAFE	2350	CARLOS	MOSS BEACH
NEIGHBORHOOD GAS MART	8445	CABRILLO HWY	MONTARA
EL TULENSE	2391	SPRING	REDWOOD CITY
WESTLAND NURSERY #1	3439	CLOVERDALE	PESCADERO
TACOS EL GRULLO	2798	SPRING	REDWOOD CITY
CRYSTAL SPRINGS GOLF PARTNERS	6650	GOLF COURSE	BURLINGAME
KYS AUTO REPAIR	2633	EL CAMINO REAL	REDWOOD CITY
M B P O LTD	2315	CARLOS	MOSS BEACH
BRENNAN, JOHN J AND TIURA, JAN V	900	BUENA VISTA	MOSS BEACH
GUNTREN, JOSEPH T	818	ETHELDORE	MOSS BEACH
HENDRICKSON, JAMES AND HENDRICKSON, TERESA	887	ETHELDORE	MOSS BEACH
UAL Super Bay Hanger		SUPER BAY HANGAR	SFIA
UAL-TERMINAL OPERATIONS		BLDG 642 GSE SERVICE	SFIA
AIDS COMMUNITY RESEACH CONSORTIUM	2684	MIDDLEFIELD	REDWOOD CITY
FAA REMOTE TRANSMITTER RECEIVER		FAA RTR	SFIA
FAA GWQ LOCALIZER	GWQ LOC		SFIA
FAA CONTROL TOWER		CONTROL TOWER	SFIA
FAA ALSF 2		SFIA-RUNWAY	SFIA
FAA/PRECISION RUNWAY MONITORING		RUNWAY FIELD	SFIA
FAA/VOR		RUNWAY FIELD	SFIA
THE SADDLE ROOM	1607	WOODSIDE	REDWOOD CITY
BARBOUR JOHN D TR	140	BEACH	MOSS BEACH
SMITS, LOUIS C TR AND SMITS HELEN TR	2305	CARLOS	MOSS BEACH
Lakeview Reservoir	815	LAKEVIEW	Redwood City
MOUNTAIN HOUSE RESTAURANT	13808	SKYLINE	WOODSIDE
LOS AMIGOS	1999	PESCADERO CREEK	PESCADERO
DOWN TOWN LOCAL	213	STAGE	PESCADERO
LANGLEY HILL QUARRY	12	LANGLEY HILL	WOODSIDE
ST ANTHONYS PADUA DINING ROOM	3500	MIDDLEFIELD	MENLO PARK
R&DE SUSB CAFE	2575	SAND HILL	MENLO PARK
MCGREGOR, PAUL W & CHRISTINE M	1300	MAIN	MONTARA
BING, HUEY	1301	MAIN	MONTARA

BURR, DIANNE BORSINI TR	1401	MAIN	MONTARA
THE ROBECK GROUP LLC	1409	MAIN	MONTARA
COASTSIDE MARKET INC	501	VIRGINIA	MOSS BEACH
Flyers #489	610	Harbor	Belmont
SMITH TRUCKS & EQUIPMENT	222	HARVARD	PRINCETON
GIUSTI FARMS	1800	HIGGINS CANYON	HALF MOON BAY
UNITED STATES POSTAL SERVICE	215	7TH	MONTARA
SARABIAS AUTO REPAIR & TOWING	216	STAGE	PESCADERO
BARBOUR, JOHN D TR		CORNER LOT ON OVAL	MOSS BEACH
BARBOUR, JOHN D TR		WESTERN CORNER LOT	MOSS BEACH
BARBOUR, JOHN D TR		MIDDLE LOT	MOSS BEACH
BARBOUR, JOHN D TR		CROSS ST IS LOS BANOS AVE	MOSS BEACH
PHIPPS, CONSTANCE TR		PO BOX 155	EL GRANADA
SETON MEDICAL CENTER COASTSIDE	600	MARINE	MOSS BEACH
PANADERIA MICHOACAN #2	3266	MIDDLEFIELD	MENLO PARK
PESCADERO CORP YARD	1000	PESCADERO	PESCADERO
PESCADERO STATE BEACH	404	WATER	PESCADERO
J & J AUTO DETAILERS	2824	MIDDLEFIELD	REDWOOD CITY
EL GRULLENSE #2	2940	MIDDLEFIELD	REDWOOD CITY
UNITED AIRLINE MOC	800	AIRPORT BLDG 49	SFIA
MIDNIGHT AUTOMOTIVE	817	DOUGLAS	REDWOOD CITY
HA RECYCLE	67	WATER	PESCADERO
SFPUC Harry Tracy Water Treatment Plant	2901	CRYSTAL SPRINGS	San Bruno
JOHN BENTLEY RESTAURANT	2915	EL CAMINO REAL	REDWOOD CITY
SAN FRANCISCO COUNTY JAIL #5	1	MORELAND	SAN BRUNO
SFIA SOUTH TERMINAL		SOUTH TERMINAL	SFIA
SFIA H&I CONNECTOR		NEAR GATE F81, SFO	SFIA
SFIA BOARDING AREA A		BTW GATES A6 & A4, SFO	SFIA
SFIA WESTFIELD GARAGE	638	WESTFIELD	SFIA
SFIA MPOE/NPOE	620	WESTFIELD	SFIA
SFIA APOE/SPOE	56	MCDONNELL	SFIA
MALDONADOS AUTO BODY & PAINT	2900	MIDDLEFIELD	REDWOOD CITY
EL RINCON TARAZCO RESTAURANT	3200	MIDDLEFIELD	MENLO PARK
SIMPSON COMPANY PAINTING	2992	SPRING	REDWOOD CITY
MEL LEONG TREATMENT PLANT		MEL LEONG TREATMENT PLANT	SFIA
THOMAS FOGARTY WINERY	19501	SKYLINE	WOODSIDE
SLAC National Accelerator Lab	2575	SAND HILL	Menlo Park
LA ROCA	55	5TH	REDWOOD CITY
ARTEAGAS STARLITE SUPERMARKET	812	5TH	REDWOOD CITY
SANDERS AUTOMOTIVE SVC CTR	256	HARBOR	BELMONT
JOE'S AUTO REPAIR	2904	FLOOD	REDWOOD CITY
Verizon Business: RDCECA	2700	Spring	Redwood City
MOSS BEACH DISTILLERY RESTAURANT	120	BEACH	MOSS BEACH
CYPRESS MEADOWS	343	CYPRESS	MOSS BEACH

OCEAN VIEW INN	8425	CABRILLO HWY	MONTARA
HOCHE-MONG RAYMOND & EMILY TRS	835	GEORGE	MONTARA
FAY, RUDIO H	8455	CABRILLO HWY	MONTARA
DELLANINA, ELDEN & SANDRA J TRS AND ALVAREZ, DEBRA JO	1415	MAIN	MONTARA
JWEINAT, ELIAS AND JWEINAT, ILEANA	171	7TH	MONTARA
HARNG, LUO JING	8465	CABRILLO HWY	MONTARA
WAYNE, ROWEN DARL & ILSE E	8485	CABRILLO HWY	MONTARA
GOLDMAN, RHONDA	1591	SUNSHINE VALLEY	MOSS BEACH
XENIA CONCEPTS	221	CYPRESS	MOSS BEACH
FALVEY, MARTIN TR AND FALVEY, ELIZABETH TR	2385	CARLOS	MOSS BEACH
BORTOLOTTI, DAN & LINDA TRS	500	CALIFORNIA	MOSS BEACH
MCGREGOR, PAUL W & CHRISTINE M	1350	MAIN	MONTARA
MCGREGOR, PAUL W & CHRISTINE M	1390	MAIN	MONTARA
BLUE BUILDING	2355	CARLOS	MOSS BEACH
AA SFO		San Francisco Internation	San Francisco
AMERICAN AIR TERMINAL 2		TERMINAL 2	SFIA
AMERICAN AIR T1		TERMINAL 1	SFIA
A & A ADVANCE	2959	FAIR OAKS	REDWOOD CITY
ST ANTHONYS PADUA DINING ROOM	3500	MIDDLEFIELD	MENLO PARK
REYNOSO AUTO REPAIR	2627	MIDDLEFIELD	REDWOOD CITY
SEQUOIA AUTOMOTIVE	2691	SPRING	REDWOOD CITY
WOOFS AND WIGGLES	840	SWEENEY	REDWOOD CITY
LA HONDA COUNTRY MARKET	8875	HWY 84	LA HONDA
BRITISH AIRWAYS		INTERNATIONAL TERMINAL	SFIA
A COZZOLINO NURSERY	105	DIGGES CANYON	HALF MOON BAY
MAZZANTI CARNATIONS INC	50	DEARBORN PARK	PESCADERO
SFIA CENTRAL PUMP STATION		MADRONE ST & MONTEREY	SFIA
DUARTES TAVERN	202	STAGE	PESCADERO
Delta Air Lines, Inc.-SFO Terminal		BOARDING AREA C RAMP SFO	SFIA
Delta Air Lines, Inc. - SFO Cargo		CARGO/GSE SF INTL AIRPORT	SFIA
Ameresco Half Moon Bay	12310	HWY 92	Half Moon Bay
PYRO SPECTACULARS NORTH INC	12344	HYW 92	HALF MOON BAY
PRESS RITE CLEANERS	1595	WOODSIDE	REDWOOD CITY
PRINCETON WELDING, INC.	231	HARVARD	HALF MOON BAY
SKYLAWN MEMORIAL PARK	1	SKYLAWN	SAN MATEO
SKYLAWN FUNERAL HOME	100	LIFEMARK	SAN MATEO
BAY CITY FLOWER CO INC	2265	CABRILLO HWY	HALF MOON BAY
BALTIC PESCADERO LLC	6150	CABRILLO HWY	PESCADERO
PESCADERO TRANSFER STATION	1	BEAN HOLLOW	PESCADERO
OSUNA AUTO REPAIR	2802	MIDDLEFIELD	REDWOOD CITY
Sprint Cell Site SF72XC823- CA0550	3501	WHITING RIDGE	Montara
TRACY HAND CAR WASH	701	MARSH	MENLO PARK
WOODSIDE HIGH SCHOOL	199	CHURCHILL	WOODSIDE
SFIA BOARDING AREA G		BTW GATES G93 & G95, SFO	SFIA

MAIN STREET SERVICE	860	AIRPORT	MOSS BEACH
LA HONDA CORP YARD	59	ENTRADA	LA HONDA
L&M TRANSMISSION	451	1ST	REDWOOD CITY
SOUZA TIRE & AUTO	31	WATER	PESCADERO
BOMBARDIER	679	MCDONNELL	SFIA
LOG CABIN RANCH	500	LOG CABIN	LA HONDA
SFIA SHUTTLE BUS	790	MCDONNELL	SFIA
SFIA MILLBRAE PUMP STATION		AVIADOR AVE & ROBLAR	SFIA
SFIA PARKING GARAGE		OUTSIDE PARKING GARAGE T2	SFIA
SFIA COMMUNICATIONS		COURTYARD #3, SFO	SFIA
A & S AUTOMOTIVE	2670	MIDDLEFIELD	REDWOOD CITY
PG&E: MENLO SUBSTATION		ASHTON	Menlo Park
BEACH HOUSE	4100	HWY 1	EL GRANADA
TOY AUTO CLINIC	816	HURLINGAME	REDWOOD CITY
Hertz Rent-A-Car (1241-15)	782	MCDONNELL	SFIA
HIGH PERFORMANCE HOUSE	2431	SPRING	REDWOOD CITY
CUTTER SCOUT RESERVATION	2500	CHINA GRADE	BOULDER CREEK
GLENWOOD BOYS RANCH	400	LOG CABIN RANCH	LA HONDA
HOLT TOOL & MACHINE INC	2909	MIDDLEFIELD	REDWOOD CITY
COUNTRY CLUB CLEANERS	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
THE IDEAL STORE	3375	BAYSHORE	REDWOOD CITY
AT&T California - PC038	115	Goulson	Pescadero
AT&T California - PC004	740	Etheldore	Moss Beach
AT&T California - PC017	60	Entrada	La Honda
AT&T Mobility - MONTARA (USID12707)		PEAK AT HIGHWAY 1	Montara
IMAGE AUTO WORKS	2259	SPRING	REDWOOD CITY
FAA HALF MOON BAY RCAG		FRENCHMANS CREEK	EL GRANADA
YMCA CAMP LOMA MAR	9900	PESCADERO	LOMA MAR
PILLAR POINT HARBOR	1	JOHNSON PIER	HALF MOON BAY
MIRAMAR BEACH INN RESTAURANT	131	MIRADA	HALF MOON BAY
EBB TIDE CAFE	311	MIRADA	HALF MOON BAY
PORTOLA REDWOODS STATE PARK	9000	STATE PARK	LA HONDA
MUZZI RANCH	7830	CABRILLO HWY	PESCADERO
GHERKINS SANDWICH SHOP	171	7TH	MONTARA
PRINCETON PUMP STATION		WESTPOINT/STANFORD	PRINCETON
MONTARA PUMP STATION		HWY 1 AT 16TH	MONTARA
PORTOLA PUMP STATION	529	OBISPO	EL GRANADA
MOQUIN PRESS			BELMONT
DASSEL'S PETROLEUM INC PESCADERO STORAGE	4525	CLOVERDALE	PESCADERO
HALF MOON BAY BREWING COMPANY	390	CAPISTRANO	PRINCETON
5th Ave Shell #138	3201	EL CAMINO REAL	Redwood City
SMCO THHW	59	ENTRADA	LA HONDA
LA COSTA RESTAURANT	2761	EL CAMINO REAL	REDWOOD CITY
GOLDEN GLAZE BAKERY & MARKET	2780	SAN MATEO	REDWOOD CITY

SAN MATEO COUNTY RADIO SERVICES	150	LIFEMARK	HALF MOON BAY
GARAFFO AUTO REPAIR	2475	SPRING	REDWOOD CITY
ALASKA AIRLINES		Int'l Terminal A, Level 1	SFIA
THE NEW HARBOR	150	HARBOR	BELMONT
LAS PARRILLAS RESTAURANT	3282	MIDDLEFIELD	MENLO PARK
PRECISION MICRO COMPONENTS	2900	SPRING	REDWOOD CITY
PESCADERO FIRE STATION	1200	PESCADERO	PESCADERO
AMERICAS ICE CREAM	2297	SPRING	REDWOOD CITY
COASTSIDE FIRE DISTRICT, EL GRANADA	501	STETSON	MOSS BEACH
STARBUCKS COFFEE CO	3590	ALAMEDA DE LAS PULGAS	MENLO PARK
COASTSIDE FIRE DISTRICT, EL GRANADA	531	OBISPO	EL GRANADA
ESR	2732	BAY	REDWOOD CITY
PRINCETON SEAFOOD CO	9	JOHNSON PIER	HALF MOON BAY
SPANGLERS MARKET	401	AVENUE ALHAMBRA	EL GRANADA
LOS MANGUITOS	3133	MIDDLEFIELD	REDWOOD CITY
MONARCA ICE CREAM SHOP	3196	MIDDLEFIELD	REDWOOD CITY
BRENDA LIQUOR	2397	SPRING	REDWOOD CITY
KETCH JOANNE & HARBOR BAR	17	JOHNSON PIER	HALF MOON BAY
ST JAMES GATE	1410	OLD COUNTY	BELMONT
REDWOOD CATERING	2684	MIDDLEFIELD	REDWOOD CITY
FISH N FRITES	8465	CABRILLO HIGHWAY	MONTARA
JOANNES HARBOR CAFE	15	JOHNSON PIER PILLAR POINT	PRINCETON
MICHOACAN PRODUCE MARKET	3380	MIDDLEFIELD	MENLO PARK
GARCIA'S AUTO BODY	2635	MIDDLEFIELD	REDWOOD CITY
UNIVERSAL AUTO SERVICES	2647	MIDDLEFIELD	REDWOOD CITY
B & J TOWING	427	MACARTHUR	REDWOOD CITY
CENTERLINE MEDICAL LLC	2684	MIDDLEFIELD	REDWOOD CITY
GARCIA'S AUTO REPAIR	426	STANFORD	REDWOOD CITY
HALF MOON BAY SPORTFISHING	27	JOHNSON PIER	HALF MOON BAY
LEONARDO AUTO MECHANIC	2936	FLOOD	REDWOOD CITY
Budget Rent A Car System, Inc.	780	MCDONNELL	SFIA
AVIS Rent a Car System, LLC	780	MCDONNELL	SFIA
MEZZA LUNA	459	PROSPECT	PRINCETON
OLD PRINCETON LANDING	460	CAPISTRANO	EL GRANADA
PG&E: San Francisco Airport Substation		ANGUS AVE & SIXTH	SAN BRUNO
Pescadero Alliance	1999	PESCADERO CREEK	Pescadero
Gazos Alliance	5720	Cabrillo	Pescadero
LUTTICKEN INC	3535	ALAMEDA DE LAS PULGAS	MENLO PARK
LUCIAS PIZZERIA	1725	WOODSIDE	REDWOOD CITY
AVANTI PIZZA FRESH PASTA	3536	ALAMEDA DE LAS PULGAS	MENLO PARK
LA COSTANERA	8150	HWY 1	MONTARA
DEANS ANODIZING INC	2643	FAIR OAKS	REDWOOD CITY
METAL FUSION, INC.	425	HURLINGAME	REDWOOD CITY
PILLAR POINT FUEL DOCK	1	JOHNSON PIER	HALF MOON BAY

SR CITIZENS NUTRITION PROGRAM	2600	MIDDLEFIELD	REDWOOD CITY
Moss Beach Chevron	9400	Cabrillo	Moss Beach
MEXCAL	3215	MIDDLEFIELD	MENLO PARK
EXCLUSIVE AUTO CARE AND AUTO BODY	830	KAYNYNE	REDWOOD CITY
TACOS EL FOGON	3387	MIDDLEFIELD	MENLO PARK
DONUT DEPOT	3383	MIDDLEFIELD	MENLO PARK
ELIANS AUTO REPAIR	2676	BAY	REDWOOD CITY
PIZZA HUT #283326	3415	MIDDLEFIELD	MENLO PARK
STOWE LANE LIFT STATION	17	STOWE	MENLO PARK
LA TIENDITA MARKET	2875	MIDDLEFIELD	REDWOOD CITY
LA CASITA CHILANGA	2928	MIDDLEFIELD	REDWOOD CITY
ECLIPSE METAL FABRICATION INC	2901	SPRING	REDWOOD CITY
KINGS MOUNTAIN FIRE STATION	13889	SKYLINE	WOODSIDE
COUNTRY CORNER	3207	ALAMEDA DE LAS PULGAS	MENLO PARK
EUROPEAN MOTORS	2690	BAY	REDWOOD CITY
EL PAISANO CARNICERIA Y MERCAD	2856	MIDDLEFIELD	REDWOOD CITY
PANADERIA MICHOCAN	2940	MIDDLEFIELD	REDWOOD CITY
DHL WORLDWIDE	944	NORTH FIELD	SFIA
Verizon Wireless Hwy 1 & Pescadero	1000	BEAN HOLLOW	Pescadero
Verizon Wireless Hwy 1 Lighthouse	400	PIGEON POINT	Pescadero
FedEx Express Corp-SFOR		BLDG 900 NORTH ACCESS	San Francisco
Verizon Wireless Princeton (San Mateo)	106	Princeton	Half Moon Bay
Verizon Wireless La Honda	415	SEARS RANCH	La Honda
Verizon Wireless Hwy 1 & 84	7400	Stage	San Gregorio
Verizon Wireless: Hwy 1 & Montara	8888	Cabrillo	Montara
PENA MEAT & FOOD MARKET	3198	MIDDLEFIELD	REDWOOD CITY
GUANACO RESTAURANT	2950	MIDDLEFIELD	REDWOOD CITY
DARINS TRUCKING SERVICE	766	WARRINGTON	REDWOOD CITY
MARSH ROAD GAS STATION	743	MARSH	MENLO PARK
KINGS MOUNTAIN SCHOOL	211	SWETT	WOODSIDE
YMCA CAMP JONES GULCH	11000	PESCADERO	LA HONDA
5TH AVENUE EXXON	844	5TH	REDWOOD CITY
SAN FRANCISCO FINE BAKERY	2537	MIDDLEFIELD	REDWOOD CITY
LAS JUNTAS RESTAURANT	2505	MIDDLEFIELD	REDWOOD CITY
HARLEY FARMS INC	205	NORTH	PESCADERO
MOUNTAIN TERRACE	17285	SKYLINE	WOODSIDE
HALF MOON BAY AIRPORT	9850	HWY 1	HALF MOON BAY
D & L PRECISION REBUILDING, INC	2821	FAIR OAKS	REDWOOD CITY
DALY CITY AUTO	136	REINER	COLMA
LA NEBBIA WINERY	12341	HWY 92	HALF MOON BAY
T & E PASTORINO NURSERY	12511	SAN MATEO	HALF MOON BAY
PIE RANCH	1701	CABRILLO HWY	PESCADERO
L-3 RANDTRON ANTENNA SYSTEMS	200	LIFEMARK	HALF MOON BAY
ST-Stanford Research Computing Facility 40-054	2575	SAND HILL	Menlo Park

Superior Pool Products LLC	2692	MIDDLEFIELD	Redwood City
VECTOR AUTO CARE	2401	SPRING	REDWOOD CITY
PEGASUS AVIATION SERVICES	606	MCDONNELL	SFIA
DG FLOOR COVERINGS INC	2501	SPRING	REDWOOD CITY
ROSITAS TACO STOP	1515	WOODSIDE	REDWOOD CITY
DELUX TRANSMISSIONS	415	MACARTHUR	REDWOOD CITY
REDWOOD CITY TRANSMISSION	412	MACARTHUR	REDWOOD CITY
CG & E AUTO BODY	2933	MIDDLEFIELD	REDWOOD CITY
SFIA MAINTENANCE YARD	682	MCDONNELL	SFIA
BENZ COLLISION CENTER	2740	BAY	REDWOOD CITY
Caltrans-Devil's Slide Tunnel (Maintenance & Operations)	6000	Cabrillo	Montara
AMERIGAS HMB	2687	AIRPORT	MOSS BEACH
PG&E: EMERALD LAKE SUBSTATION	591	ROBERSTON	Redwood City
WHISK CATERING	2992	SPRING	REDWOOD CITY
POLY CLEAN CTR	3275	EL CAMINO REAL	ATHERTON
GREAT MARQUES	815	DOUGLAS	REDWOOD CITY
KONDI TOREI	3130	ALPINE	PORTOLA VALLEY
AIR STATION SAN FRANCISCO	1020	ACCESS	SFIA
R CEVASCO NURSERY INC	10510	CABRILLO HWY	PESCADERO
LEES AUTO REPAIR	2303	SPRING	REDWOOD CITY
WOODSIDE FIRE STATION #19	4091	Jefferson	Redwood City
AMERICAN PRODUCTION CO	2734	SPRING	REDWOOD CITY
H & H AUTOMOTIVE	2835	MIDDLEFIELD	REDWOOD CITY
ALL AMERICAN MOTORS	2701	MIDDLEFIELD	REDWOOD CITY
WEST COAST SURGICAL, LLC	141	CALIFORNIA	HALF MOON BAY
EASY MART #1	61	AVENUE ALHAMBRA	EL GRANADA
SAN GREGORIO GENERAL STORE	7615	STAGE	SAN GREGORIO
BEAN HOLLOW RANGE - PESCADERO	1000	BEAN HOLLOW	PESCADERO
HERNANDEZ WELDING	2928	MIDDLEFIELD	REDWOOD CITY
COSTANOA LODGE AND CAMP	2001	ROSSI	PESCADERO
POMPONIO RANCH LLC	3300	POMPONIO CREEK	SAN GREGORIO
SWISSPORT FUELING		CENTRAL TERMINAL	SFIA
COOPERS AUTO REPAIR	2901	MIDDLEFIELD	REDWOOD CITY
SFIA TERMINAL 2		BTW BOARDING AREAS C & D	SFIA
San Francisco International Service Center	660	Field	San Francisco
CALIFORNIA AUTO WORKS LLC	2666	MIDDLEFIELD	REDWOOD CITY
Southwest Airlines Co. - San Francisco International Airport		TERMINAL 1 SF INT AIRPORT	San Francisco
LITTLE BELMONT COFFEE SHOP	232	HARBOR	BELMONT
Pillar Point Air Force Station	300	Westpoint	Princeton
HALF MOON BAY GRADING & PAVING INC	1780	HIGGINS CANYON	HALF MOON BAY
SAN MATEO COUNTY MEMORIAL PARK	8879	PESCADERO	LOMA MAR
QUIK STOP MARKET #59	3401	MIDDLEFIELD	MENLO PARK
LULUS ON THE ALAMEDA	3539	ALAMEDA DE LAS PULGAS	MENLO PARK
DUTCH GOOSE, INC	3567	ALAMEDA DE LAS PULGAS	MENLO PARK

FLEA STREET CAFE	3607	ALAMEDA DE LAS PULGAS	MENLO PARK
RUDYS GREENHOUSES	2975	CLOVERDALE	PESCADERO
HOMETOWN NOODLE	3151	MIDDLEFIELD	REDWOOD CITY
CHEMCO SYSTEMS INC	2800	BAY	REDWOOD CITY
CHAVEZ SUPERMARKET	3282	MIDDLEFIELD	MENLO PARK
BUS & EQUIPMENT REPAIR OF CALI	31	KAREN	BELMONT
CABRILLO FARMS AGRICULTURE	6	DENNISTON CREEK	MOSS BEACH
FRENCH CONNECTION BAKERY	2810	BAY	REDWOOD CITY
GENESIS AUTOBODY	7490	MISSION	COLMA
SAN FRANCISCO COMMUNITY COLLEG		BLDG 928	SFIA
SPEEDWAY AUTO REPAIR	850	AIRPORT	MOSS BEACH
MENLOVILLE COUNTRY STORE	1902	VALPARAISO	MENLO PARK
MACHINE PARTS CO., INC	2715	SPRING	REDWOOD CITY
NICHOLS CONCRETE CUTTING	2625	FAIR OAKS	REDWOOD CITY
PEARSON RANCH	11860	LA HONDA	WOODSIDE
OCEANO HOTEL & SPA	280	Capistrano	EL GRANADA
BONGARDS NURSERY	12460	SAN MATEO RD	HALF MOON BAY
WEBB RANCH	2720	ALPINE	MENLO PARK
LARSON ELECTRONIC GLASS	2840	BAY	REDWOOD CITY
LEMOS FARM	12320	HWY 92	HALF MOON BAY
OKU INC	4525	CLOVERDALE	PESCADERO
PESCADERO HIGH SCHOOL	350	BUTANO CUT OFF	PESCADERO
LA HONDA PESCADERO USD	360	BUTANO CUTOFF	PESCADERO
CUESTA LA HONDA GUILD INC PUBLIC WORKS	200	RECREATION	LA HONDA
MEINEKE	3041	MIDDLEFIELD	REDWOOD CITY
SYNTHOMICS INC	3477	EDISON	MENLO PARK
ENSOR INC	3475	EDISON	MENLO PARK
MEDINA MEDICAL INC	3503	HAVEN	MENLO PARK
THREE ZERO CAFE	9850	HWY 1	MOSS BEACH
JOSHUA CHARLES CATERING	2832	MIDDLEFIELD	REDWOOD CITY
HARLOES AUTOMOTIVE	850	AIRPORT	MOSS BEACH
CAL AUTO BODY	1132	HILLSIDE	COLMA
POST & TRELLIS	2645	FAIR OAKS	REDWOOD CITY
GARFIELD CHARTER SCHOOL	3600	MIDDLEFIELD	MENLO PARK
NEW SOUTH PARKING		DOMESTIC PKNG -3RD FLR	SFIA
GERMAN AUTO KRAFT INC	700	HARBOR	BELMONT
BARBARAS FISH TRAP- ISSUED IN 1977	281	CAPISTRANO	PRINCETON
SIGNATURE FLIGHT SUPPORT		PLOT 42	SFIA
FAIR OAKS SCHOOL	2950	FAIR OAKS & OAKSIDE	REDWOOD CITY
ALLOY CUTTING CO	2661	SPRING	REDWOOD CITY
SBASTIANS COFFEE AND TEA	1725	WOODSIDE	REDWOOD CITY
DOMINOS 7925	100	5TH	REDWOOD CITY
BEST WESTERN EXECUTIVE SUITES	25	5TH	REDWOOD CITY
ATHERTON U-SAVE LIQUORS	3107	EL CAMINO REAL	REDWOOD CITY

Peninsula Golf and Country Club	701	MADERA	SAN MATEO
MEZZALUNA	240	CAPISTRANO	PRINCETON
HMB YACHT CLUB	214	PRINCETON	PRINCETON
OLYMPIC CLUB	599	SKYLINE	DALY CITY
SKYLINE HYDROGEN FUEL STATION	17289	SKYLINE	WOODSIDE
MARINAS CAFE 2	780	MCDONNELL	SFIA
SWEET PORT BY INSHOU	260	CAPISTRANO	HALF MOON BAY
HARBOR PIZZA AND CAFE	65	ALHAMBRA	EL GRANADA
MONSTER CHEF	10151	CABRILLO HWY	EL GRANADA
HIGHWAY 1 BREWING COMPANY	5720	CABRILLO HWY	PESCADERO
RUSTWORKS	741	HURLINGAME	REDWOOD CITY