



TOWN OF COLMA

1198 El Camino Real • Colma, California • 94014-3212

Tel 650-997-8300 • Fax 650-997-8308

September 30, 2019

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

Subject: **Town of Colma**
FY 2018/19 Annual Report

Dear Mr. Montgomery:

This letter and Annual Report with attachments is submitted by the **Town of Colma** pursuant to Permit Provision C.17.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2015-0049, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2018/19 and related accomplishments.

Please contact me or my staff in the Engineering Department at 650-757-8888 regarding any questions or concerns.

Very truly yours,

Brad Donohue
Director of Public Works

cc: File

**TOWN OF COLMA
FY 2018/19 ANNUAL REPORT**

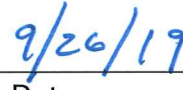
Certification Statement

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

Signature of Duly Authorized Representative:



Brad Donohue, Director of Public Works



Date

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Section 1 – Permittee Information

| Background Information | | | |
|--|--|--------------------|--------------------------|
| Permittee Name: | Town of Colma | | |
| Population: | 1,514 (July 1, 2017 Census) | | |
| NPDES Permit No.: | CAS612008 | | |
| Order Number: | R2-2015-0049 | | |
| Reporting Time Period (month/year): | July 2018 through June 2019 | | |
| Name of the Responsible Authority: | Brad Donohue | Title: | Director of Public Works |
| Mailing Address: | 1198 El Camino Real | | |
| City: | Colma | Zip Code: | 94014 |
| | | County: | San Mateo |
| Telephone Number: | 650-757-8888 | Fax Number: | 650-757-8890 |
| E-mail Address: | bdonohue@colma.ca.gov | | |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Katherine Sheehan | Title: | Sr. Engineer |
| Department: | Engineering | | |
| Mailing Address: | 1198 El Camino Real | | |
| City: | Colma | Zip Code: | 94014 |
| | | County: | San Mateo |
| Telephone Number: | 650-757-8888 | Fax Number: | 650-757-8890 |
| E-mail Address: | katherines@csgengr.com | | |

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Municipal Operation Activities for the reporting year include:

- Participation in the SMCWPPP Public Works Municipal Maintenance Subcommittee;
- Corporation Yard BMP Maintenance and Inspections;
- Street Sweeping and Storm Drainage (SD) Facilities cleaning;
- Screening of Town's SD System for illicit discharges;
- Inspection and Maintenance of Installed Trash Capture Devices;
- Trash Hot Spot Cleanup; and
- Inspection and replacement of storm drain inlet markers (No dumping flows to bay), as needed.

The Town conducts regular street sweeping, storm drain inlet cleaning, and trash capture device maintenance and keeps a record of the number of miles swept, inlets cleaned, trash capture devices maintained, and cubic yards of trash and debris collected at each sweeping.

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:
 NA

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:
 NA

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:

There are no bridges within the Town of Colma. Graffiti is painted over and not removed by power washing, so there is no associated waste generated. Town staff and their contractors apply appropriate BMPs for graffiti abatement. Town staff oversee the graffiti abatement activities of contractors. BASMAA's Mobile Surface Cleaner Program BMPs are used.

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

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

C.2.f. ► Corporation Yard BMP Implementation

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

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

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

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

Comments:
 NA

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 |
|---|---|------------------------------|---|---|
| Town of Colma Corporation Yard (601 F Street) | General housekeeping Vehicle and Equipment Washing Vehicle and Equipment Maintenance & Repair | 9/21/2018 | Need to sweep around trash bins and pick up papers. Need to sweep out wash area. Need to keep lids closed on trash bin. Need to clean the filters in the Catch Basins. | 9/25/2018 BMP corrective actions confirmed. |

² Minimum inspection frequency is once a year during September.

FY 2018-2019 Annual Report
Permittee Name: Town of Colma

C.2 – Municipal Operations

| | | | | |
|--|---|------------------|---|--|
| | <p>Municipal Vehicle, Heavy Equipment, and Employee Parking Waste and Recycling Storage Outdoor Material Storage</p> | | | |
| <p>Town of Colma Corporation Yard (601 F Street)</p> | <p>General housekeeping Vehicle and Equipment Washing Vehicle and Equipment Maintenance & Repair Municipal Vehicle, Heavy Equipment, and Employee Parking Waste and Recycling Storage Outdoor Material Storage</p> | <p>6/22/2019</p> | <p>Need to clean up dirt by the trash bins. Also need to keep lids closed on the recycle bin.</p> | <p>7/2/2019 BMP corrective actions completed.</p> |

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.
 Table C.3.b.iv.(2) has been filled in.

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):
 The Town has not received any projects requesting alternative or in-lieu compliance. The Town may decide to allow alternative compliance in the future on a case-by-case basis and after making a determination of whether alternative compliance is available/feasible.

C.3.e.v ► Special Projects Reporting

| | | | | |
|---|--------------------------|-----|-------------------------------------|----|
| 1. In FY 2018-19, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|---|--------------------------|-----|-------------------------------------|----|

| | | | | |
|--|--------------------------|-----|-------------------------------------|----|
| 2. In FY 2018-19, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table. | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--|--------------------------|-----|-------------------------------------|----|

If you answered "Yes" to either question,
 1) Complete Table C.3.e.v.
 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

 NA – The Town of Colma has not received any permit applications for a project that has been identified as a potential Special 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 (FY 17-18) | 9* |
| Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 18-19) | 10 |
| Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 18-19) | 6 |
| Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19) | 67% ¹ |

*Note – In FY 17-18, there were a reported total of 10 Regulated Projects, but there were actually 9 Regulated Projects constructed at the close of FY 17-18. This occurred because one of the Regulated Project sites has multiple addresses.

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

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

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

Summary:

Town staff conducted O&M inspections of six Regulated Project sites. Two sites were found to have debris, trash, silt, and weed accumulation since the last inspection, which occurred less than 2 years ago. One site was found to have overcut their weeds, which over the long term, can lead to plant death. Generally, sites were found to be well-maintained and in good working order. Conducting regular and more frequent inspections than what's required by the permit allows staff to ensure that property managers are aware of their maintenance obligations.

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:

The O&M program is highly effective in identifying issues with installed stormwater treatment facilities, and ensuring the systems retain their treatment effectiveness and do not become forgotten by the property owner. In addition, the program is effective in identifying design issues which can be avoided in future installations. Stormwater treatment systems are inspected during the course of installation to avoid installation and maintenance issues after completion of construction. Inspectors and development reviewers coordinate to build and share knowledge about C.3 systems.

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

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

Summary:

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

- BASMAA's site design fact sheets
- The countywide program's C.3 and C.6 Development Review Checklist
- C.3.i guidance provided by the countywide program (SMCWPPP C.3 Regulated Projects Guide)

| C.3.j.i.(5).(b) ► Green Infrastructure Plan | | | |
|--|----------|--|-----------|
| (For FY 2018-19 Annual Report only) Did your agency complete a Green Infrastructure Plan? | Y | Yes, see attached Green Infrastructure Plan | No |
| If No, provide schedule for completion: NA. The Town hosts its green infrastructure plan on the Town website at the following link: https://www.colma.ca.gov/green-infrastructure/ . | | | |

| C.3.j.i.(5).(c) ► Legal Mechanisms | | | |
|---|----------|--|-----------|
| (For FY 2018-19 Annual Report only) Does your agency have legal mechanisms in place to ensure implementation of the Green Infrastructure Plan? | Y | Yes, see attached documents or links provided below | No |
| If Yes, describe the legal mechanisms in place and the documents attached or links provided. As part of the GI Plan development process, the Town of Colma has reviewed its existing policies, ordinances, and/or other legal mechanisms related to the implementation of stormwater NPDES permit requirements and found that it has sufficient legal authority to implement the GI Plan. Adoption of the GI Plan by the Town has further strengthened this authority. Descriptions of and links to documents demonstrating legal authority are provided in Chapter 10 of the Green Infrastructure Plan; regarding the Town's Standard Operating Procedures (10.2.1) and the Town's Municipal Code (10.2.2). | | | |
| If No, provide schedule for completion: NA | | | |

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 Town of Colma conducted Green Infrastructure Outreach in coordination with its development and approval of the Green Infrastructure Plan. Outreach was conducted for three audiences – the general public, staff, and elected officials.

Public and elected official outreach began in June 2017, with the approval of the Green Infrastructure Workplan. In March 2019, the City debuted a new green infrastructure webpage, which explains what green infrastructure is, and provides maps of existing and potential GI in the City. City staff provided two City Council Study Sessions on the GI Plan on April 16, 2019, and August 20, 2019. City staff then brought the GI Plan to City Council for approval on September 17, 2019. A draft GI Plan was posted in advance of the August Council Study Session for review and comment by City Council members and the public.

Interdepartmental coordination and staff training efforts included:

- Regular communication between management and appropriate department staff to discuss GI requirements and the GI Plan development.
- Discussion of the potential for incorporation of GI on capital projects.
- Participation in SMCWPPP training events.

For more information about outreach conducted in coordination with the GI Plan development, refer to Chapter 9 of the City's GI Plan. Please refer to the Countywide Program's FY 18-19 Annual Report for a summary of outreach efforts implemented at the Countywide level.

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

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

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

Background Information:

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.

The Town of Colma utilized the procedure outlined in the BASMAA "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Program Projects" (May 6, 2016) to identify and review potential green infrastructure projects from the list of Capital Improvement Projects. Several projects were identified as having a potential for Green Infrastructure based on the preliminary screening, and feasibility will be reviewed in greater depth as the projects progress. Refer to 10.4.2 and Appendix C of the GI Plan.

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) and (3) ▶ Participate in Processes to Promote Green Infrastructure

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

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

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

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

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

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

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

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

| Project Name Project No. | Project Location ² , Street Address | Name of Developer | Project Phase No. ³ | Project Type & Description ⁴ | Project Watershed ⁵ | Total Site Area (Acres) | Total Area of Land Disturbed (Acres) | Total New Impervious Surface Area (ft ²) ⁶ | Total Replaced Impervious Surface Area (ft ²) ⁷ | Total Pre- Project Impervious Surface Area ⁸ (ft ²) | Total Post- Project Impervious Surface Area ⁹ (ft ²) |
|--|---|--|--------------------------------------|--|--------------------------------|----------------------------------|--|--|--|--|---|
| Private Projects | | | | | | | | | | | |
| Woodlawn Cemetery Lake Improvements | 1000 El Camino Real | Dignity / Service Corporation International / MCF Architects, Inc. | 2 | Commercial Redevelopment – Cemetery | Colma Creek | 2.70 | 2.53 | 10,678 | 0 | 0 | 10,678 |
| Public Projects | | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Comments: Note about Colma Medical Office Building reported in FY 17/18 – the project site address is 1055 El Camino Real, not 1955 El Camino Real. | | | | | | | | | | | |

²Include cross streets

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

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

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

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

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

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

⁹For redevelopment projects, state the post-project impervious surface area.

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

| Project Name Project No. | Application Deemed Complete Date ¹⁰ | Application Final Approval Date ¹¹ | Source Control Measures ¹² | Site Design Measures ¹³ | Treatment Systems Approved ¹⁴ | Type of Operation & Maintenance Responsibility Mechanism ¹⁵ | Hydraulic Sizing Criteria ¹⁶ | Alternative Compliance Measures ^{17/18} | Alternative Certification ¹⁹ | HM Controls ^{20/21} |
|---|---|--|---|---|--|--|---|--|--|---------------------------------|
| Private Projects | | | | | | | | | | |
| Woodlawn Cemetery Lake Improvements | 5/13/19 | 5/13/19 (Grading permit approval; no entitlement) | Mark onsite inlets with “No Dumping! Flows to Bay” or equivalent Implement landscaping source controls | Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas Conserve natural areas, including existing trees, other vegetation, and soils Minimize impervious surfaces | Infiltration trench | O&M Agreement with property owner | 1.b. | NA | NA | NA |

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

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

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

¹³List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹⁴List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹⁵List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners’ association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁶See Provision C.3.d.i. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁷For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁸For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

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

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

| Project Name Project No. | Approval Date ²² | Date Construction Scheduled to Begin | Source Control Measures ²³ | Site Design Measures ²⁴ | Treatment Systems Approved ²⁵ | Operation & Maintenance Responsibility Mechanism ²⁶ | Hydraulic Sizing Criteria ²⁷ | Alternative Compliance Measures ^{28/29} | Alternative Certification ³⁰ | HM Controls ^{31/32} |
|-----------------------------|-----------------------------|--------------------------------------|---------------------------------------|------------------------------------|--|--|---|--|---|------------------------------|
| Public Projects | | | | | | | | | | |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Comments: NA | | | | | | | | | | |

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

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

²⁴List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²⁵List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²⁶List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²⁷See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁸For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁹For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

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

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

³²If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed³³ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.

| Name of Facility | Address of Facility | Party Responsible³⁴ For Maintenance | Type of Treatment/HM Control(s) |
|--|----------------------------|---|--|
| Town Hall Renovation | 1198 El Camino Real | Town of Colma | Bioretention Areas |
| YLHT Family Trust (Single Family Home) | 464 B Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 460 B Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 448 B Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 439 C Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 446 B Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 456 B Street | Property Owner | Bioretention Area |
| B Street Homes, Colma LLC (Single Family Home) | 462 B Street | Property Owner | Bioretention Area |

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

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

| C.3.e.v.Special Projects Reporting Table | | | | | | | | | | | | |
|--|-----------|---------|--|----------------------|---------------------------|--------------------|-----------------------|-------------|--|--|---|--|
| Reporting Period – July 1 2018 - June 30, 2019 | | | | | | | | | | | | |
| Project Name & No. | Permittee | Address | Application Submittal Date ³⁵ | Status ³⁶ | Description ³⁷ | Site Total Acreage | Gross Density DU/Acre | Density FAR | Special Project Category ³⁸ | LID Treatment Reduction Credit Available ³⁹ | List of LID Stormwater Treatment Systems ⁴⁰ | List of Non-LID Stormwater Treatment Systems ⁴¹ |
| | | | | | | | | | Category A: Category B: Category C: Location: Density: Parking: | Category A: Category B: Category C: Location: Density: Parking: | Indicate each type of LID treatment system and % of total runoff treated. | Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received |
| None | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

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

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

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

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

³⁹For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

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

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

Special Projects Narrative NA

| C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure | | | | |
|---|---|--|----------------------------------|--|
| Project Name and Location⁴² | Project Description | Status⁴³ | GI Included?⁴⁴ | Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁴⁵ |
| Hillside Blvd Roadway Improvements phase II & III | Roadway rehabilitation, sidewalk, safety and drainage improvements along with landscaping additions and enhancements. | Project will proceed if outside funding becomes available. | YES | Phase 1 of this project constructed in 2015 included green infrastructure features (bioretention areas/rain gardens). GI potential for Phase II and III will be evaluated as part of the project design. |
| Serramonte Blvd/Collins Ave Master Plan | Conceptual Study for roadway rehabilitation, streetlight improvements and beautification. | The project is anticipated to be completed in FY 19/20. | TBD | Feasibility of incorporation of GI features will be evaluated in the study. |
| Colma Blvd Improvements | Project #912 - Improvements to be considered: landscape, roadway, mobility improvements, street light upgrades, bike lanes etc. | The project is anticipated to start in FY 19/20. | TBD | Feasibility of incorporation of GI features will be evaluated during project design. |
| Lawndale Blvd Landscape Improvements | Project #956 - Change landscaping to drought and water efficient, install efficient irrigation system | The project is anticipated to start in FY 19/20. | TBD | Study will review the feasibility of incorporating GI, stormwater enhancements, and recreational features. |

Note for FY 18/19 Annual Report:

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

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

⁴⁴ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁵ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

Several projects were included in the FY 17-18 Annual Report but were found to have no GI Potential based on the project category. Per the BASMAA CIP Screening Process, these should have been removed from the list on a categorical basis and not reported in Table A. The projects are as follows:

- Corporation Yard Improvements - Exterior Building and/or Equipment Upgrades
- ECR Mission Road Signalization – Street Lights and/or Traffic Signals
- Utility Underground, ECR, SSF to F Street – Non-Stormwater Utility
- Colma Creek Channel Repairs – Maintenance
- Townwide Irrigation System Enhancements – Irrigation System Improvements or Repair
- Recreational Center Playground Equipment Upgrade - Exterior Building and/or Equipment Upgrades
- SS Collection System Master Plan – Non-Stormwater Utility
- RIMS – Administrative
- Telephone System Upgrade – Administrative
- Access Control at Town Facilities – Administrative
- Recreational Department Software Upgrade – Administrative
- GIS System – Administrative
- Town's IT Infrastructure Upgrades – Administrative
- General Plan Updates – Technical Study
- ADA Transition Plan Upgrades – Minor Construction, distributed throughout various locations in the Town. No potential to incorporate GI, and too late to change, as the project is completed.
- Policy Facility Planning – Maintenance
- Fleet Replacements - Exterior Building and/or Equipment Upgrades

In the future, the Town will only report those projects which are triggered in Part 1 of the BASMAA Screening Process to be assessed for GI potential, not including C.3 Regulated Projects. Additional guidance about the BASMAA Screening Process was added to the Town's Green Infrastructure Plan (Chapter 4 and Appendix B).

| C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects | | | |
|--|---|---|--|
| Project Name and Location⁴⁶ | Project Description | Planning or Implementation Status | Green Infrastructure Measures Included |
| Hillside Blvd Roadway Improvements (Phase 1) | Roadway rehabilitation, sidewalk improvements and beautification | Construction in 2015. | This project included green infrastructure features (bioretention/areas which treat the adjacent roadway surface). |
| Mission Road Improvements | Roadway rehabilitation, sidewalk improvements, and beautification | Funding was secured in FY 17-18. Source of funding is OBAG2 and SR2S for GI construction. | The project will include bioretention areas to treat the adjacent roadway surface. |

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

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Town's current stormwater inspection program included the following activities.

- Update of Town's business stormwater inspection list in September 2018 to reflect new inspection frequencies and priorities based on inspections conducted within the reporting year.
- Update of the business stormwater inspection list to reflect the City's latest business license list.
- Town staff and their authorized contractor, conducted a combined total of 52 business inspections.
- Inspectors participated in an internal C4 Inspector Training program.
- Town staff and their authorized contractor participated in the SMCWPPP CII Subcommittee.

Refer to the C.4. Industrial and Commercial Site Controls section of SMCWPPP's FY 2018/19 Annual Report for a description of activities of the countywide program.

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

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

The Potential Facilities List is attached as Appendix A.

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

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

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action. |
|-------------------------------------|--|

| | |
|--------------------------|--|
| <input 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)) | 76 |

| | |
|--|-----------|
| Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c)) | 13 |
| <p>Comments:</p> <p>Only one site with identified issues was not resolved within 10 working days. This site was referred to the Town's public works supervisor for further follow up. However, the Town's public works supervisor was not able to follow up on the sites within a timely manner due to staff illness causing resources to be unavailable for stormwater inspections, and therefore the follow-up inspection was delayed. In the future, the Town will aim to re-inspect sites within a timely manner or reach out to consultant staff to assist quickly when in-house resources are not available.</p> <p>Inspectors followed the Enforcement Response Plan and will continue to increase the inspection frequency of businesses which received enforcement actions as well as escalate enforcement to help deter unwanted issues. When the issues identified during C.4 inspections are not corrected within a timely manner, the inspector escalates enforcement until corrective actions are made. Follow-up inspections were routinely conducted within 10 days or otherwise deemed resolved in a longer, but still timely manner, based on available resources.</p> | |

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

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

| | Enforcement Action (as listed in ERP) ¹ | Number of Enforcement Actions Taken |
|--------------|--|--|
| Level 1 | Verbal Warning | 13 |
| Level 2 | Warning Notice or Administrative Action | 1 |
| Level 3 | Administrative Action with Penalty and/or Cost Recovery | 0 |
| Level 4 | Legal Action / Referral | 0 |
| Total | | 14 |

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

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

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

| Business Category ² | Number of Actual Discharges | Number of Potential Discharges |
|---|-----------------------------|--------------------------------|
| Hazardous Materials | 0 | 0 |
| Food | 0 | 0 |
| Other Food Service Establishments | 0 | 1 |
| Automotive | 0 | 2 |
| General/Miscellaneous | 0 | 2 |
| Cemetery | 0 | 3 |
| Car Dealership | 0 | 5 |
| Corp Yard/ Building Trade/ Material Storage | 0 | 1 |

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:

NA; No non-filer sites were identified in FY 18/19.

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 |
|---|-------------------------------|---|---|---|--------------------------------------|--|
| C.4 Inspector Training by the Town's consultant | Jan 15, 2019 April 3, 2019 | <ul style="list-style-type: none"> Municipal Regional NPDES Permit (MRP) Basics and Changes Stormwater Quality Protection Outreach Material In Field Training Inspection Form Review | 2* | 100% | 0 | 0% |

²List your Program's standard business categories.

| | | | | | | |
|--|--|--|--|--|--|--|
| | | <ul style="list-style-type: none">Standard Operating Procedures (SOP)s and Logistics | | | | |
| <p>Comments:</p> <p>*The Town supplements its inspection staff with consultant's inspectors to complete inspections of industrial and commercial facilities. The consultant provided Inspector training to both its own inspectors and to Town staff. The consultant training is based on SMCWPPP trainings to ensure consistency with the countywide program, as well as the City's Business Inspection Plan (BIP) and Enforcement Response Plan (ERP) to address local SOPs and local types of businesses.</p> | | | | | | |

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Activities conducted in the reporting year are as below:

- Implementation of the Town's SD collection system screening program
- Participation in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee
- Storm water inspections at commercial facilities to detect and eliminate potential illicit discharges.

When the City receives a report of illicit discharge or notices an illicit discharge during routine catch basin inspections, City staff immediately reports to the site and traces the illicit discharge back to its source. A SMCWPPP "Illicit Discharge Source Identification Form" is filled out for the illicit discharge, the City meets with the property owner and issues enforcement actions and provides cleanup suggestions and information, as needed. After the issue is identified and logged, the City performs a follow-up inspection to confirm that the issue has been resolved.

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

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

Summary of any changes made during FY 18-19:

No changes. Below information is the same as last year.

Louis Gotelli, Public Works Maintenance Supervisor (Main contact) Phone Number: 650-757-8888

Colma Police Department Dispatch (Non-Emergency Phone Number) (For after work hours, weekends, and holidays) Ph: 650-997-8321

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)) | 0 |
| Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2)) | 0 |
| Discharges resolved in a timely manner (C.5.d.iii.(3)) | NA |
| Comments: No spills or discharges were reported in FY 18-19. | |

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

| |
|---|
| (a) Provide changes to your agency's minimum standards and BMPs for each of the various types of mobile businesses since the 2017 Annual Report (C.5.e.iii.(2)(a)) |
| The Town of Colma follows the minimum standards and BMPs described in the "Best Management Practices for Mobile Businesses" fact sheet recently updated by the SMCWPPP CII Subcommittee in April 2019 for the following mobile business categories: automobile washers/detailers, power washers, carpet cleaners, steam cleaners, pet care services. The format of the fact sheet was update but there have been no changes to the BMPs since the 2017 Annual Report. |
| (b) Provide changes to your agency's enforcement strategy for mobile businesses (C.5.e.iii.(2)(b)) |
| Inspectors and/or other staff find mobile businesses improperly discharging wash water to the street, gutter, storm drain, etc. through a complaint investigation or during routine field work and issue enforcement actions and track the facility through their Illicit Discharge Detection and Elimination (IDDE) spill and discharge complaint tracking system according to MRP C.5.d. Since FY 2013/14 SMCWPPP's enforcement strategy has been to track mobile business enforcement actions from SMCWPPP permittees in a table available on the SMCWPPP CII members only webpage. The tracking table is periodically updated. |
| (c) Provide minimum standards and BMPs developed for additional types of mobile businesses addressed since 2017 Annual Report (C.5.e.iii.(2)(c)) |
| SMCWPPP has not developed minimum standards and BMPs for additional types of mobile businesses other than those described in (a) above. |

| |
|---|
| <p>(d) Provide a list and summary of the specific outreach events and education conducted to each type of mobile business operating within your jurisdiction during the Permit term (C.5.e.iii.(2)(d)):</p> |
| <p>Refer to the C.5 Illicit Discharge Detection and Elimination section of SMCWPPP's FY 2018/19 Annual Report for a description of activities at the countywide or regional level.</p> |
| <p>(e) Discuss inspections conducted at mobile businesses and/or job sites (C.5.e.iii.(2)(e))</p> |
| <p>The Town of Colma conducts inspections at mobile businesses if the business is reported to Town staff through the C.5 Illicit Discharge Detection and Elimination program, or if identified as not implementing proper BMPs during Town staff's routine fieldwork. No such inspections were reported this year, because no referrals were received through the C.5 program or routine fieldwork. The Town does not otherwise routinely inspect mobile businesses.</p> |
| <p>(f) List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.iii.(2)(f))</p> |
| <p>In FY 2016/17 SMCWPPP compiled an inventory of mobile businesses located in Santa Mateo County. The inventory was developed by reviewing lists provided by individual agencies, yellow page searches and online business searches. The inventory includes automotive washing, steam cleaning, power washing, pet care services and carpet cleaning mobile businesses. The inventory is periodically updated with mobile businesses stormwater inspectors observe during routine field activities, including responding to illicit discharges. The inventory is made available to all San Mateo County Permittees on the SMCWPPP CII members only webpage. The inventory is included in SMCWPPP's FY 2018/19 Annual Report and currently has approximately 175 mobile businesses.</p> |
| <p>(g) Discuss enforcement actions taken against mobile businesses during the Permit term (C.5.e.iii.(2)(g))</p> |
| <p>In FY 18/19 there were zero enforcement actions taken against mobile businesses.</p> |

C.5.f.iii ► MS4 Map Availability

| |
|---|
| <p>Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map.</p> |
| <p>MS4 maps are available to the public on the Oakland Museum Creek Mapping Project website (http://explore.museumca.org/creeks/crkmap.html). These maps include municipal storm drains that measure 24 inches or greater in diameter. The Town of Colma has a copy of this map at the front office of the Public Works department/Planning Counter.</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) |
| 0 | 1 | 4 | 17 |
| <p>Comments:</p> <p>Construction at two sites was substantially completed near the beginning of the wet season, and construction at one project started mid-wet season.</p> <p>In addition to monthly inspections, periodic inspections are also conducted during inspections of other site improvements. Construction sites that do not fall in either high priority or > 1-acre categories are also inspected. e.g. Small landscape and remodel projects, single-family dwellings which are not high priority sites and are less than 1 acre in size.</p> | | | |
| <p>Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable.</p> <p>NA</p> | | | |

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

| | Enforcement Action (as listed in ERP) ¹ | Number Enforcement Actions Issued |
|----------------------|--|--|
| Level 1 ² | Verbal Warning | 2 |
| Level 2 | Written Warning/Notice of Violation | 4 |
| Level 3 | Stop Work Order | 0 |
| Level 4 | Notice to Comply | 0 |
| Level 5 | Legal Action | 0 |
| Total | | 6 |

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 at a site 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) | 6 |
| Comments: All enforcement actions or discrete potential and actual discharges were resolved within 10 days. | |

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

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

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

Description:

Town staff does an excellent job of monitoring construction sites, identifying issues, and compiling the inspection data on an internal server database. The Town conducts inspections and enforcement actions in accordance with the Enforcement Response Plan (ERP) and follows up on all identified issues quickly.

The vast majority of BMP problems identified were related to sediment controls (13), with some site management issues (4). One erosion control BMP issue and one non-stormwater management issue were also identified. No run-on/runoff control or active treatment system issues were identified. There were no reported illicit discharges.

In FY 18-19 there were more enforcement actions than last year (FY 17-18), but the same number of enforcement actions as the previous year (FY 16-17). In FY 17-18, there were a total of 4 sites inspected during the wet season, and in FY 16-17, there were a total of 3 sites inspected during the wet season. This FY, there were more sites to be inspected, but roughly the same number of inspections occurred as in previous years due to several sites having a duration which ended or begun partway through the wet season.

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:

Town staff from the Public Works, Planning, Building, Engineering, Administration, and Parks & Recreation Departments meet every month for a staff NPDES meeting to discuss stormwater related issues. These meetings help educate staff about various provisions, requirements, tasks, and timelines of the MRP, and help to identify and track project inspection requirements, follow-ups, and reports.

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

| C.6.f.iii ► Staff Training Summary | | | |
|---|-----------------------|--|--|
| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance |
| Internal Construction Stormwater Inspector Training | March 20, 2018 | Implementing requirements of Provision C.6; Construction General Permit context; Differences between MRP and MRP 2.0; Caltrans Experience; Group Exercise. | 3 |

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

C.7.b.i.1 ► Outreach Campaign

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

Summary:

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

C.7.c. Stormwater Pollution Prevention Education

No changes.

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

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
 Use the following table for reporting and evaluating public outreach events
 See Section 7 of the SMCWPPP FY 2018/19 Annual Report for a description of public outreach and citizen involvement events activities conducted at the countywide level. Other public outreach and citizen involvement events activities that the Town of Colma conducted locally or that were conducted on behalf of the Town described below.

| 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., Enviroscene 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 |
| Town-Wide Cleanup Day Sterling Park Multi-Purpose Room at Sterling Park Recreation Center May 18, 2019 | Volunteers along with Town staff walk all streets in Town picking up trash and recycling materials. The Town partners with Town's waste hauler to set up a collection station at the Town's Corporation Yard for residents to bring recyclable items, trash, shredding items, and e-waste to dispose of. Residents may also pick up compost from the Colma Community Center. Participants receive three Town Clean Up giveaways and a BBQ lunch at Sterling Park. | Flyers are posted online on Town website. Signs are placed throughout Town. The event is also listed in the Recreation Guide. Though the event was well advertised, it was less well attended than in previous years due to inclement weather. Due to the weather, the clean-up portion of the event was cancelled. We had 26 volunteers plus 25 staff registered to help. |

| | | |
|---|--|---|
| <p>Earth Day/Arbor Day Sterling Park April 22, 2019</p> | <p>Youth and their families participate in Earth Day awareness themed activities. The Town partners with their waste hauler, their landscape contractor, and Project Read to put on activities encouraging environmental protection. Project Read's demonstration included making non-toxic homemade, environmentally friendly cleaning products. The Town's waste hauler led a seed planting project.</p> | <p>Flyers are distributed at Town events and programs. Ads are posted on Social Media. The event is also listed in the Recreation Guide. https://www.instagram.com/p/BwSjPpuAolx/?utm_source=ig_web_copy_link https://www.instagram.com/p/BwnfX8kA29Z/?utm_source=ig_web_copy_link https://www.colma.ca.gov/documents/spring-2019-activity-guide/ 18 youth participated.</p> |
| <p>Kid's Facility Tour May 14, 2019</p> | <p>School-aged children toured Town Hall, the Police Department, and the Mayor's Office. As part of the tour, the Town's maintenance supervisor gave the children a street sweeping demonstration and talked about litter and trash.</p> | <p>The Field Trip is arranged by correspondence with teachers; it is not an advertised event. It is a very popular and successful event. This year, the Town distributed SMCWPPP giveaway items, like coloring books, to the students who participated. 96 students and 4 teachers participated.</p> |

C.7.e. ► Watershed Stewardship Collaborative Efforts

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

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

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

C.7.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts. There are no schools located in the Town's jurisdiction, but the Town does organize an Annual Kid's Facility Tour, as described below. See Section 7 of the SMCWPPP FY 2018/19 Annual Report for a description of school-age children outreach efforts conducted at the countywide level.

| Program Details | Focus & Short Description | Number of Students/Teachers reached | Evaluation of Effectiveness |
|---|---|--|--|
| Provide the following information: Name Grade or level (elementary/ middle/ high) | Brief description, messages, methods of outreach used | Provide number or participants | Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable. |
| Kid's Facility Tour Elementary School May 14, 2019 | School-aged children toured Town Hall, the Police Department, and the Mayor's Office. As part of the tour, the Town's maintenance supervisor gave the children a street sweeping demonstration and talked about litter and trash. | 96 students and 4 teachers participated. | The Field Trip is arranged by correspondence with teachers; it is not an advertised event. It is a very popular and successful event. This year, the Town distributed SMCWPPP giveaway items, like coloring books, to the students who participated. 96 students and 4 teachers participated. |

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"/> X | Yes | <input type="checkbox"/> | No |
| If no, explain: NA | | | | | | | |
| Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation. | | | | | | | |
| Trends in Quantities and Types of Pesticide Active Ingredients Used¹ | | | | | | | |
| Pesticide Category and Specific Pesticide Active Ingredient Used | Amount ² | | | | | | |
| | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 | |
| Organophosphates | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Chlorpyrifos | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Diazinon | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Malathion | 0 | 0 | 0 | 0 | | | |
| Pyrethroids (see footnote #2 for list of active ingredients) | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Type X | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Type Y | 0 | 0 | 0 | 0 | | | |
| Carbamates | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Carbaryl | 0 | 0 | 0 | 0 | | | |
| Active Ingredient Aldicarb | 0 | 0 | 0 | 0 | | | |
| Fipronil | 0 | 0 | 0 | 0 | | | |

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

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

| | | | | | | |
|--|------------------------------------|-----------|-----------|-----------|--|--|
| Indoxacarb | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Diuron | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Diamides | Reporting not required in FY 15-16 | 0 | 0 | 0 | | |
| Active Ingredient Chlorantraniliprole | | NA | NA | NA | | |
| Active Ingredient Cyantraniliprole | | NA | NA | NA | | |
| Reasons for increases in use of pesticides that threaten water quality: | | | | | | |
| NA | | | | | | |
| IPM Tactics and Strategies Used: | | | | | | |
| <p>The Town of Colma implements the following IPM Tactics and Strategies, in addition to limiting the use of pesticides:</p> <ul style="list-style-type: none"> • Use of non-chemical strategies such as monitoring, mowing weeds, mulching. • Removal of plants that require frequent pesticide applications. • Replacing invasive plants with natives. • Preventive actions such as sealing holes and gaps in structures, improving sanitation. • Use of baits and traps instead of broadcast pesticides. | | | | | | |

| 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. | 3 |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year. | 3 |
| 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: Local tailgate meetings are held for staff and contractors to train on the IPM policy and IPM standard operating procedures. These trainings are held annually, prior to applying pesticides. The Town staff also participated in the Landscape IPM Continuing Education Workshop which was held on April 16, 2019 by the San Mateo County Department of Agriculture/Weights and Measures. | |

| 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 Town of Colma's landscape maintenance contract requires that the contractor comply with sustainable landscape practices and the Town's IPM Policy and Standard Operating Procedures. The Town's structural pest control operator is also required to comply with the Town's IPM Policy. The contractor is also required to attend countywide IPM subcommittee meetings and the annual workshop. Town staff regularly meets with the contractor on a monthly basis and reviews monthly pesticide usage records to verify compliance with the Town's IPM Policy. The Town reviewed the contractor's list of pesticides ahead of spraying efforts in the fiscal year and found the list to conform to Town policies and procedures. The Town made repeated requests to the contractor to submit pesticide usage reports, even escalating the requests to upper management. The contractor was unable to provide this information. Ultimately, the Town has decided not to renew their contact with this contractor, due to their inability to adhere to Town procedures or provide information in a timely manner. The Town has updated their solicitation materials (i.e. contract and Request for Proposals) to strengthen the language regarding proper documentation of pesticide usage. | | | |
| If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation. N/A | | | |

C.9.d ▶ Interface with County Agricultural Commissioners

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

If yes, summarize the communication. If no, explain.
 See Section 9 of the SMCWPPP FY 2018/19 Annual Report for a summary of the Countywide Program's coordination with the San Mateo County Agricultural Commissioner.

| | | | | |
|--|--------------------------|-----|-------------------------------------|----|
| Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire. | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No |
|--|--------------------------|-----|-------------------------------------|----|

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.
 NA

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

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

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

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

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

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

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

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

Summary:

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

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

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

Summary:

During FY 18-19, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

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

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

Summary:

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

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

Section 10 - Provision C.10 Trash Load Reduction

| C.10.a.i ► Trash Load Reduction Summary | |
|--|--------------|
| For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage | |
| Trash Load Reductions | |
| Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i) | 73.8% |
| Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹ | 8.3% |
| Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) | 10.0% |
| Subtotal for Above Actions | 92.1% |
| Trash Offsets (Optional) | |
| Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i) | 0.0% |
| Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii) | 0.0% |
| Total (Jurisdictional-wide) % Trash Load Reduction through FY 2018-19 | 92.1% |
| <p>Discussion of Trash Load Reduction Calculation and Attainment of the 80% Mandatory Deadline: The Town attained and reported 92.2% trash load reduction (including trash offsets) in its FY 17-18 Annual Report. During FY 18-19, the Town continued to implement a robust trash control measure program. This helped the Town maintain its trash load reduction above the mandatory 80% trash load reduction requirement included in the MRP. The total (jurisdiction-wide) percent trash load reduction in FY 18-19 is 92.1%. The most recent version of the City's Baseline Trash Generation Map can be downloaded at http://www.flowstobay.org/content/municipal-trash-generation-maps</p> | |

¹ See Appendix 10-1 for changes between 2009 and FY 18-2018/19 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 18-19, during FY 18-19, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

| Type of System | # of Systems | Areas Treated (Acres) |
|---|--------------|-----------------------|
| Installed in FY 18-19 | | |
| None | N/A | N/A |
| Installed Prior to FY 18-19 | | |
| Connector Pipe Screen (Public) | 35 | 103.8 |
| Devices installed by bordering Permittees with treatment areas extending into the Town of Colma | - | 1.0 |
| Total for all Systems Installed To-date | 35 | 104.8 |
| Treatment Acreage Required by Permit (Population-based Permittees) | | 0 |
| Total # of Systems Required by Permit (Non-population-based Permittees) | | N/A |

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

Provide the following:

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

| TMA | Jurisdiction-wide Reduction (%) | Total # of Full Capture Systems | % of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 2018/19 | Summary of Maintenance Issues and Corrective Actions |
|--------------|---------------------------------|---------------------------------|--|--|
| 1 | 30.2% | 35 | 0% | <p>No systems had maintenance issues within FY 18-19. Regular cleanup and maintenance was performed, but no corrective actions were necessary. Town staff missed the cleaning/inspection of one trash capture device within FY 18/19.</p> <p>In order to facilitate future data management and tracking, Town public works staff developed an ID/numbering system for all trash capture devices this FY and began tracking inspection data electronically. This will enable staff to be more efficient in filling out and filing inspection forms.</p> |
| 2 | 38.6% | | | |
| 3 | 5.0% | | | |
| 4 | 0.0% | | | |
| 5 | 0.1% | | | |
| 6 | 0.0% | | | |
| 7 | 0.0% | | | |
| 8 | 0.0% | | | |
| 9 | 0.0% | | | |
| Total | 73.8% | | | |

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

| C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A) | |
|--|---|
| Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date. | |
| TMA | Summary of Trash Control Actions Other than Full Capture Systems |
| 4 | Trash Hot Spot Cleanup |
| 5, 6, 7, 8, 9 | Enhanced Street Sweeping |
| All | <p>On-land Cleanup</p> <p>Storm Drain Inlet Cleaning</p> <p>Uncovered Loads: Beginning after the MRP 1.0 effective date, the Town incorporated the following enhancements or new actions which were continued into FY 18-19:</p> <ul style="list-style-type: none"> • All roll-off/debris containers are tarped by Town's waste hauler drivers prior to their removal. If the container is overfilled/cannot be safely tarped for service, then the customer is contacted to correct the issue prior to our servicing it. Town staff works with waste hauler and customers to ensure problem accounts are addressed appropriately and service is increased. <p>Improved Trash Bin/Container Management: Beginning after the MRP 1.0 effective date, the Town incorporated the following enhancements or new actions which were continued into FY 18-19:</p> <ul style="list-style-type: none"> • As part of the Town's C.4 Industrial and Commercial Site Control Program, inspectors confirm that trash and recycle receptacles are provided for customers, dumpsters are not overflowing, dumpster areas are clean, and dumpster lids are closed. • Town staff worked with the waste hauler to improve trash bin and container management. The Town's waste hauler works with residential and commercial customers on how to properly maintain and set out their containers for collection. This includes having the lids closed on their containers to prevent littering, not overfilling their containers and options available to them if they have more material than fits in their container(s). If a container is overfilled and cannot be serviced safely and without spillage, then the customer is contacted to correct the issue. The waste hauler drivers are trained in returning the containers back to their location with the lids shut and picking up any items that may have fallen out as they were servicing the container. <p>Other Types of Actions: Beginning after the MRP 1.0 effective date, the Town incorporated the following enhancements or new actions which were continued into FY 18-19:</p> <ul style="list-style-type: none"> • Public Outreach and Education: The Town participates in the Countywide and regional public education programs and promotes local outreach events. Outreach is also provided by the Town's waste hauler on behalf of the Town. Outreach material about stormwater pollutant best management practices was improved and distributed to businesses via the Town's C.4 Industrial and Commercial Site Control Program. |

| | |
|--|--|
| | <ul style="list-style-type: none"> • Household Hazardous Waste Day: The Town organizes a Household Hazardous Waste (HHW) Day, in which residents can drop of household hazardous waste materials for disposal. |
|--|--|

Summary of Trash Control Measures Other than Full Capture Devices:

- **Street Sweeping:** Include a description of any enhancements or new actions implemented after the MRP 1.0 effective date (i.e., December 2009). Identify portions of the TMA where enhanced street sweeping (i.e., increased sweeping frequency) and parking enforcement above 2009 levels was implemented.
- **On-land Cleanup:** Include a description of on-land cleanup activities that began after the MRP 1.0 effective date (i.e., December 2009) and continued into FY 2018/19, including any enhancements or new actions implemented in FY 2018/19. Describe if these actions are Permittee or volunteer-led.
- **Partial Capture Devices:** Provide a description of devices installed after the MRP 1.0 effective date (i.e., December 2009). Describe the level of maintenance conducted per device types.
- **Storm Drain Inlet Cleaning:** Describe storm drain inlet maintenance activities implemented after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 2018/19, including any enhancements or new maintenance activities implemented in FY 2018/19. For new/enhanced actions, include the number of inlets where enhanced maintenance occurred, and the increased frequency of maintenance.
- **Uncovered Loads:** Describe activities designed to reduce trash from uncovered loads that began after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 2018/19, including any enhancements or new actions implemented in FY 2018/19. Describe the types of actions implemented including new or redirected enforcement efforts to increase the focus towards new or enhanced actions.
- **Anti-littering and illegal dumping enforcement activities:** Describe anti-littering and illegal dumping enforcement activities began after to the MRP 1.0 effective date (i.e., December 2009) and continued in FY 2018/19, and any enhancements or new actions implemented in FY 2018/19. Include any new or redirected enforcement efforts to increase the focus towards new or enhanced actions. Describe the number of citations or other correction actions accomplished this year, and compare with previous years. Indicate how anti-littering and illegal dumping enforcement records are kept, and how they may be retrieved for audit.
- **Improved Trash Bin/Container Management:** Describe activities designed to improve trash bin/container management that began after the MRP1.0 effective date (i.e., December 2009) and continued in FY 2018/19, and any enhancements or new actions implemented in FY 2018/19. Include any new or redirected efforts to increase the focus towards these new or enhanced actions.
- **Other Types of Actions:** Describe activities designed after the MRP effective date (i.e., December 2009) and continued in FY 2018/19, and any enhancements or new (post December 2009 effective date) actions implemented in FY 2018/19.

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

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 18-19 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

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

Explanation: No OVTAs were conducted in TMAs #1, 6, 8 and 9 in FY 18-19 because limited street lengths are available for assessments. TMA #2 is all low trash generation.

| TMA ID <i>or (as applicable)</i> Control Measure Area | Total Street Miles ² Available for Assessment | Summary of On-land Visual Assessments ³ | | | Jurisdictional-wide Reduction (%) |
|---|--|--|---|--|--------------------------------------|
| | | Street Miles Assessed | % of Available Street Miles Assessed | Avg. # of Assessments Conducted at Each Site ⁴ <small>5</small> | |
| 1 | 0.10 | 0.00 | 0.0% | 0.0 | 0.0% |
| 2 | 0.00 | NA | NA | NA | NA |
| 3 | 0.35 | 0.22 | 63.9% | 3.0 | 4.3% |
| 4 | 0.31 | 0.31 | 100.0% | 5.0 | 2.3% |
| 5 | 0.16 | 0.16 | 100.0% | 5.0 | 0.0% |
| 6 | 0.19 | 0.00 | 0.0% | 0.0 | 0.0% |
| 7 | 0.52 | 0.41 | 78.6% | 5.0 | 1.6% |
| 8 | 0.11 | 0.00 | 0.00% | 0.0 | 0.0% |
| 9 | 0.07 | 0.00 | 0.00% | 0.0 | 0.0% |
| Total | | 1.27 | - | - | 8.3% |

² Street miles are defined as the street lengths and do not include curbs associated with medians.

³ Assessments conducted between July 2017 and July 2019 are assumed to be representative of trash levels in FY 18-19 and were therefore used to calculate the jurisdictional-wide reductions reported in this section.

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

⁵Based on analyses conducted as part of the BASMAA Tracking California's Trash project (BASMAA 2017) funded by the State Water Resources Control Board, the optimal number of assessment events to detect an improvement from baseline trash levels at a site is between 4 and 6 per site.

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

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

| Source Control Action | Summary Description & Dominant Trash Sources and Types Targeted | Evaluation/Enforcement Method(s) | Summary of Evaluation/Enforcement Results To-date | % Reduction |
|--------------------------|---|---|--|-------------|
| Single-Use Bag Ordinance | <p>The Town of Colma ("Town") adopted a Single-Use Carryout Bag Ban Policy on Jan 9th 2013. The ban became effective April 22nd, 2013. A copy of the Town's codified policy can be found at: www.colma.ca.gov (Codes > Municipal Code > Chapter 4 > Subchapter 12)</p> <p>Town Staff met with the business owners, provided program information and public hearing notices, provided outreach through the Town's website and the business newsletter "Colma Works".</p> <p>Enforcement of this bag ban is done by the San Mateo County Environmental Health Department (CEH).</p> | <p>On behalf of all SMCWPPP Permittees, the County of San Mateo conducted assessments evaluating the effectiveness of the single use plastic bag ban in municipalities within San Mateo County. Assessments conducted by the County included audits of businesses and surveys of customer bag usage at many businesses in San Mateo County. Additionally, the number of complaints by customers was also tracked by the County. The results of assessments conducted by these cities are assumed to be representative of all SMCWPPP Permittees, given the consistency between the scope, implementation, and enforcement of the ordinances among the municipalities.</p> | <p>Results of assessments conducted by the County on behalf of all municipalities indicate that the ordinance is effective in reducing the number of single use plastic bags in stormwater discharges.</p> <p>The Town 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 BASMAA Regional Trash Generation Study; 2) 95% of single use plastic bags distributed in the Town are affected by the ordinance, based on the County's EIR; and 3) Of the bags affected by the ordinance, there are now 90% less bags being distributed, based on customer complaints received by CEH. This is conservative estimate given that in FY 13-14 CEH only received complaints about 4 of the over 1900 affected businesses.</p> | 7% |

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

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

| | | | | |
|---|---|---|--|-----------|
| <p>Expanded Polystyrene Food Service Ware Ordinance</p> | <p>The Town of Colma ("Town") adopted a Polystyrene ban policy on March 13th 2013. The Policy became effective August 1st, 2013. A copy of the Town's codified policy can be found at: www.colma.ca.gov (Codes > Municipal Code > Chapter 4 > Subchapter 13)</p> <p>Town staff met with all restaurant owners, provided program information and public hearing notices, provided outreach through the Town's website and the business newsletter "Colma Works".</p> <p>Enforcement of this ban is done by the SM County Environmental Health Department.</p> | <p>Although the Town 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 the 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 Town'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 Town's ordinance because the implementation (including enforcement) of the Town's ordinance is similar to the City of Los Altos' and Palo Alto's.</p> | <p>Results of assessments that are representative of the Town, but were conducted by the cities of Los Altos and Palo Alto, indicate that Town's ordinance is effective in reducing EPS food ware in stormwater discharges.</p> <p>The Town developed its % trash reduced estimate using the following assumptions:</p> <ol style="list-style-type: none"> 1) EPS foodware comprises 6% of the trash discharged from stormwater conveyances, based on the Regional Trash Generation Study conducted by BASMAA; 2) 80% of EPS food ware distributed by food vendors or sold via stores in the Town is affected by the implementation of the ordinance; and 3) There is now 95% less EPS food ware being distributed, sold and/or observed in the environment, based on assessments conducted by the City of Palo Alto and City of Los Altos. | <p>5%</p> |
|---|---|---|--|-----------|

C.10.b.v ▶ Trash Reduction – Receiving Water Monitoring

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

In FY 18-19, the Town continued implementing the BASMAA Regional Receiving Water Trash Monitoring Program Plan that was approved by the Water Board's Executive Officer. Implementation included preparing for and conducting qualitative assessments and quantitative monitoring in receiving water locations within the Town of Colma. Implementation occurred through both the Town's own efforts and participation in the San Mateo County Water Pollution Prevention Program (SMCWPPP). Consistent with MRP requirements, a preliminary report describing data results and findings to-date was submitted to the Water Board via BASMAA on July 1, 2019 on behalf of all Permittees. The final report for the development and testing of the Bay Area trash receiving water monitoring program will be submitted by BASMAA by July 1, 2020, consistent with the MRP requirements, following peer review.

In addition to implementing the BASMAA Monitoring Plan, the Town coordinated (via SMCWPPP) on the Statewide Trash Monitoring Methods Project, which is funded by the California Ocean Protection Council and State Water Board and administered via the Southern California Coastal Water Research Project (SCCWRP) and San Francisco Bay Estuary Institute (SFEI).

Additional information on accomplishments in FY 18-19 can be found in the Receiving Water Trash Monitoring Program Progress Report included in the SMCWPPP FY 18-19 Annual Report.

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 2018/19 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 2018/19.

| Trash Hot Spot | New Site in FY 2018/19 (Y/N) | FY 2018/19 Cleanup Date(s) | Volume of Trash Removed (cubic yards) | | | | |
|----------------|------------------------------|----------------------------|---------------------------------------|------------|------------|------------|------------|
| | | | FY 2014/15 | FY 2015/16 | FY 2016/17 | FY 2017/18 | FY 2018/19 |
| COL01 | N | 10/5/2018 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |
| COL02 | N | 10/8/2018 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |

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 FY15-16, consistent with all MRP Permittees, all public K-12 schools, college and university parcels were made non-jurisdictional on the Town'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 Town. The public right-of-way (e.g., streets and sidewalks) surrounding these parcels remain as jurisdictional on the Town's baseline trash generation maps. | All Applicable |

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 18-19. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

| Offset Program | Summary Description of Actions and Assessment Results | Volume of Trash (CY) Removed/Controlled in FY 2018/19 | Offset (% Jurisdiction-wide Reduction) |
|--|---|---|--|
| Additional Creek and Shoreline Cleanups (Max 10% Offset) | N/A | N/A | N/A |
| Direct Trash Discharge Controls (Max 15% Offset) | N/A | N/A | N/A |

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

| TMA | 2009 Baseline Trash Generation (Acres) | | | | | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems | | | | | Jurisdiction-wide Reduction via Full Capture Systems (%) | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems and Other Control Measures | | | | | Jurisdiction-wide Reduction via Other Control Measures (%) | Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%) |
|---------------|--|------------|-----------|----------|--------------|--|-----------|----------|----------|--------------|--|---|-----------|----------|----------|--------------|--|---|
| | L | M | H | VH | Total | L | M | H | VH | Total | | L | M | H | VH | Total | | |
| 1 | 0 | 33 | 28 | 0 | 61 | 54 | 7 | 0 | 0 | 61 | 30.2% | 54 | 7 | 0 | 0 | 61 | 0.0% | 30.2% |
| 2 | 1 | 0 | 40 | 2 | 43 | 43 | 0 | 0 | 0 | 43 | 38.6% | 43 | 0 | 0 | 0 | 43 | 0.0% | 38.6% |
| 3 | 6 | 2 | 5 | 2 | 16 | 11 | 0 | 4 | 0 | 16 | 5.0% | 13 | 2 | 0 | 0 | 15 | 4.3% | 9.3% |
| 4 | 1 | 21 | 0 | 0 | 22 | 1 | 21 | 0 | 0 | 22 | 0.0% | 13 | 9 | 0 | 0 | 22 | 2.3% | 2.3% |
| 5 | 0 | 16 | 0 | 0 | 16 | 1 | 15 | 0 | 0 | 16 | 0.1% | 2 | 13 | 1 | 0 | 16 | 0.0% | 0.1% |
| 6 | 12 | 8 | 0 | 0 | 20 | 12 | 8 | 0 | 0 | 21 | 0.0% | 12 | 8 | 0 | 0 | 21 | 0.0% | 0.0% |
| 7 | 0 | 37 | 0 | 0 | 37 | 0 | 37 | 0 | 0 | 37 | 0.0% | 14 | 20 | 3 | 0 | 37 | 1.6% | 1.6% |
| 8 | 3 | 3 | 0 | 0 | 6 | 3 | 3 | 0 | 0 | 6 | 0.0% | 3 | 3 | 0 | 0 | 6 | 0.0% | 0.0% |
| 9 | 1,001 | 1 | 0 | 0 | 1,002 | 1,001 | 1 | 0 | 0 | 1,002 | 0.0% | 1,001 | 1 | 0 | 0 | 1,002 | 0.0% | 0.0% |
| Totals | 1,024 | 121 | 73 | 4 | 1,225 | 1,126 | 93 | 5 | 0 | 1,225 | 73.8% | 1,155 | 65 | 5 | 0 | 1,225 | 8.3% | 82.1% |

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

Section 11 - Provision C.11 Mercury Controls

C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions

C.11.b ► Assess Mercury Load Reductions from Stormwater

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

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

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

See the Countywide Program's FY 2018/19 Annual Report for information on the quantitative relationship between green infrastructure implementation and a full description of models and model inputs relied on to generate the estimate.

C.11.e ► Implement a Risk Reduction Program

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

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

Section 12 - Provision C.12 PCBs Controls

C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions

C.12.b ► Assess PCBs Load Reductions from Stormwater

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

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

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

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

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

C.12.f. ► Manage PCB-Containing Materials During Building Demolition

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

C.12.h ► Implement a Risk Reduction Program

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

The Town's Engineering and Building Department Staff regularly attends CalBIG meetings for training and updates on the requirements of architectural copper and copper piping. The CalBIG meetings occur monthly, and there is an annual meeting focused on stormwater. During construction, municipal construction stormwater inspectors are responsible for identifying copper architectural features and if appropriate BMPs are implemented. Any issues noted are documented and enforcement actions recorded in the Provision C.6 inspection records.

Post- construction municipal illicit discharge inspectors are responsible for responding to, investigating and identifying illegal discharge of wash water from washing copper architectural features. Any enforcement actions or reported discharges are recorded in the Provision C.5 inspection records. The SMCWPPP "Requirements for Architectural Copper" Fact Sheet is made available to the public, construction inspectors and illicit discharge inspectors on the SMCWPPP website (www.flowstobay.org/files/newdevelopment/flyersfactsheets/ArchitecturalcopperBMPs.pdf). Inspectors are made aware of the concerns with copper architectural features at SMCWPPP Training Workshops and internal municipal trainings.

Upon review of our Provision C.5 illicit discharge inspection data we found no enforcement activities related to copper-containing discharges from copper architectural features.

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 we found no enforcement activities related to copper-containing discharges from pools, spas, and fountains. **Lots are small in the Town of Colma, so there generally is not room to construct private pools and spas. In the event a private pool, spa, or fountain is constructed, the Town would require that the discharge water be connected to the sanitary sewer system.**

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:

In the Town of Colma, no facilities inspected under Provision C.4 were identified as potential users of copper. The BASMAA POC inspector training materials (in addition to other training materials and resources provided by SMCWPPP) are integrated into the industrial and commercial site training program, which is updated at least every two years. These materials help inspectors to identify potential sources of pollutants of concern, including mercury, PCBs, and copper.

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

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

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

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

Summary:

On January 20, 2016, the Town hosted a luncheon for cemetery operators to introduce the San Mateo County Resource Conservation District, which provides water efficiency audits and water conservation information.

The Town installed a drought tolerant landscape demonstration project in 2015 to encourage residents to utilize drought friendly landscaping and promote water conservation. The Town also stopped watering lawn areas and medians and posted informational signage to raise awareness about the California drought. Currently, the Town has both a Water Conservation Incentive and Water Efficient Program. The Water Conservation Incentive involves an incentive reduction on annual sewer charges for using the same or less water as the previous years. The Town continues to provide outreach and information on water conservation and other sustainable practices through the "Colma Green" webpage and newsletter. Currently, the Town offers rebates of up to \$500 to residents who purchase water saving appliances and drought tolerant plants and promotes Calwater's free water conservation kits.

The Town's Water Efficient Landscaping Ordinance requires efficient watering and irrigation practices for new development projects. Within the Open Space and Conservation Elements of the Town's General Plan, there are policies that address conservation and sustainable development principles. Some of the sections that address these include: Section 5.04.311 – Low Water Use Fixtures (Sustainability), Section 5.04.313 – Groundwater recharge, Section 5.04.312 – Drought tolerant plants, Section 5.04.316 – Implementation of BMP's for new construction, Section 5.04.321 – Watershed protection of Colma Creek, Section 5.04.322 – Watershed enhancement, Section 5.04.341 – flooding, Section 5.04.381 and 382 – Habitat protection.

The Town installs drought tolerant landscaping in the right-of-way as part of GI installation.

Related countywide efforts may be described in the following sections of the SMCWPPP FY 2018/19 Annual Report: C.3 New Development and Redevelopment, C.7. Public Information and Outreach, C.9. Pesticide Toxicity Control, and C.15 Exempted and Conditionally Exempted Discharges. See Section C.7 of SMCWPPP's FY 18-19 Annual Report for a description of outreach conducted to promote water conservation programs, such as promoting rain barrel use. See Section C.9.e.ii of SMCWPPP's FY 18-19 Annual Report for a description of SMCWPPP's activities related to point-of-

purchase outreach which promotes less toxic pest control and landscape management. Information on water conservation, less-toxic pest control and appropriate watering/irrigation practices is also posted on SMCWPPP's website (www.flowstobay.org).

APPENDIX A, FY 18/19 ANNUAL REPORT

C.4.b.iii. Potential Facilities List

Town of Colma

Last Revised: 9/24/18

Business Name (DBA)

Business Address

| | | | |
|--|-------|----------------|---|
| PRECISION AUTO DETAILING | 245 | COLLINS | |
| A-1 RHINO LININGS | 480 | COLLINS | A |
| UNIQUE AUTO GROUP INC DBA UNIQUE AUTO RECONDITIONING | 480 | COLLINS | E |
| CALIFORNIA PACIFIC LIMOUSINE | 480 | COLLINS | I |
| AYOOB MECHANICAL, INC. | 480 | COLLINS | H |
| UNIQUE AUTO GROUP INC. DBA KWICKSILVER WHEEL REPAIR | 480 | COLLINS | E |
| T-SHIRT FEVER | 480 | COLLINS | G |
| A & D GLASS DEPORT, INC. | 480 | COLLINS | D |
| WESTERN AWNINGS & CANVAS | 480 | COLLINS | B |
| MEGA CHEF EQUIPMENT, INC. | 480 | COLLINS | F |
| PENINSULA REFLECTIONS | 205 | COLLINS | |
| CHRISTY VAULT CO | 1000 | COLLINS | |
| HYUNDAI OF SERRAMONTE | 1500 | COLLINS | |
| NISSAN OF SERRAMONTE | 1500A | COLLINS | |
| ENTERPRISE RENT A CAR CO. OF SAN FRANCISCO | 245 | COLLINS | |
| STANDARD PLUMBING SUPPLY | 248 | COLLINS | |
| GOLDEN GATE RESTAURANT GROUP | 111 | COLMA BLVD | |
| PACIFIC SALES KITCHEN & BATH CENTER, LLC #873 | 200 | COLMA BLVD | |
| FEDEX OFFICE & PRINT SERVICES #4098 | 31 | COLMA BLVD | |
| MANILA EATERY | 45 | COLMA BLVD | |
| SOUTHWEST CONCESSIONS KB | 2 | COLMA BLVD | |
| SOUTHWEST CONCESSIONS, INC. | 91 | COLMA BLVD | |
| HONEY BAKED HAM | 11 | COLMA BLVD | |
| THE HOME DEPOT #639 | 2 | COLMA BLVD | |
| THE HOME DEPOT #6655 | 91 | COLMA BLVD | |
| CYPRESS LAWN CEMETERY | 1370 | EL CAMINO REAL | |
| WOODLAWN MEMORIAL PARK | 1000 | EL CAMINO REAL | |
| SALEM MEMORIAL PARK | 1171 | EL CAMINO REAL | |
| HILLS OF ETERNITY MEMORIAL PARK | 1301 | EL CAMINO REAL | |
| PAUL'S FLOWERS CORPORATION | 1150 | EL CAMINO REAL | |
| LESTER'S FLOWER SHOP | 1250 | EL CAMINO REAL | |
| SUTTER GRANITE & MARBLE | 1361 | EL CAMINO REAL | |

| | | |
|--|------|----------------|
| FLOWERLAND FLORISTS | 1030 | EL CAMINO REAL |
| COLMA FLORAL SHOP | 1360 | EL CAMINO REAL |
| BHAKHRI VETERINARY GROUP INC., DBA COLMA ANIMAL HOSPITAL | 1232 | EL CAMINO REAL |
| SWEET DREAMS | 7743 | EL CAMINO REAL |
| V. FONTANA AND CO. | 7600 | EL CAMINO REAL |
| STAR SMOG TEST | 7651 | EL CAMINO REAL |
| ETERNAL HOME CEMETERY | 1051 | EL CAMINO REAL |
| GREENLAWN MEMORIAL PARK | 1100 | EL CAMINO REAL |
| MEMORIAL PARK, GREEK ORTHODOX | 1148 | EL CAMINO REAL |
| HOME OF PEACE CEMETERY | 1299 | EL CAMINO REAL |
| ALL COUNTY CREMATION SERVICES, INC. | 1201 | EL CAMINO REAL |
| COLMA CREMATION SERVICES AND FUNERAL SERVICES | 7747 | EL CAMINO REAL |
| ART IN STONE | 1174 | EL CAMINO REAL |
| AMERICAN MONUMENTAL CO., INC. | 1351 | EL CAMINO REAL |
| PUBLIC STORAGE | 1900 | EL CAMINO REAL |
| ITALIAN CEMETERY, INC. | 540 | F STREET |
| TORRES FLOWERS | 435 | F STREET |
| OLIVET MEMORIAL PARK | 1601 | HILLSIDE |
| RODRIGUEZ FRESH FARM | 2499 | HILLSIDE |
| JAPANESE BENEVOLENT SOCIETY OF CALIFORNIA | 1300 | HILLSIDE |
| SERBIAN CEMETERY/ FIRST SERBIAN BENEVOLENT SOCIETY | 1801 | HILLSIDE |
| GOLDEN HILL MEMORIAL PARK, INC. | 2099 | HILLSIDE |
| PET'S REST, INC. | 1905 | HILLSIDE |
| MADRIGAL NURSERY | 2499 | HILLSIDE |
| OLIVET FLOWER SHOP | 1450 | HILLSIDE |
| HOY SUN MEMORIAL CEMETERY, INC. | 2101 | HILLSIDE |
| WEST FLOWERS | 2103 | HILLSIDE |
| BALDOCCHI & SONS, INC., DBA PACIFIC NURSERIES | 2499 | HILLSIDE |
| LUCKY CHANCES CASINO | 1700 | HILLSIDE |
| NETWORK COLLISION | 1901 | HILLSIDE |
| CASS HAULING | 2103 | HILLSIDE |
| SEGALE & CERINI, INC. | 2551 | HILLSIDE |
| JUAN M. HARO | 2005 | HILLSIDE |
| GOLDEN HILL MONUMENT | 2005 | HILLSIDE |
| CYPRESS GOLF COURSE | 2001 | HILLSIDE |
| ACME MEMORIAL | 1900 | HILLSIDE |
| TARGET T0320 | 5001 | JUNIPERO SERRA |
| EXTRA SPACE STORAGE | 3601 | JUNIPERO SERRA |
| ROUND TABLE PIZZA | 4935 | JUNIPERO SERRA |
| MOMIJI JAPANESE RESTAURANT | 4931 | JUNIPERO SERRA |

| | | | |
|---|------|----------------|---|
| BEVERAGES & MORE | 4915 | JUNIPERO SERRA | |
| GARFIELD BEACH CVS, L.L.C. DBA CVS/ PHARMACY #16111 | 5001 | JUNIPERO SERRA | |
| AAA SIZZLE, INC. | 5025 | JUNIPERO SERRA | |
| ROYAL AUTO BODY SHOP | 1681 | MISSION | |
| LANDSCAPE CO | 1635 | MISSION | |
| GARDEN OF ANGLES | 1545 | MISSION | |
| MOLLOY'S TAVERN | 1635 | MISSION | |
| IMAGE AUTO BODY | 1687 | MISSION | |
| AUTO EXOTICS | 1465 | MISSION | |
| DITOS MOTORS | 1715 | MISSION | |
| BACAS MACHINE SHOP | 1690 | MISSION | |
| JOHNS AUTOMOTIVE | 1711 | MISSION | |
| NUBEE MOTORS | 1427 | MISSION | B |
| GENUINE AUTO CARE | 1733 | MISSION | |
| SPECIALTY FURNITURE SHOP | 1457 | MISSION | |
| GRAHAM PLASTERING | 1635 | MISSION | |
| BIANCHI MOTORS | 1690 | MISSION | |
| PACIFIC SUPPLY | 1675 | MISSION | |
| ANDY'S WHEELS & TIRES | 1685 | MISSION | |
| F. FERRANDO & CO. | 1537 | MISSION | |
| VMTC ENTERPISES | 1427 | MISSION | E |
| ROSE AND LEONA'S FLOWER SHOP | 1539 | MISSION | |
| FLIP HOME STAGING | 1531 | MISSION | |
| DONHOE & CARROLL MEMORIALS | 1455 | MISSION | |
| CG MOVING COMPANY, INC. | 1755 | MISSION | |
| HOLY CROSS CEMETERY | 1500 | MISSION | |
| MMM ENTERPRISE DBA JEMM ENTERPRISE INC. | 1427 | MISSION | E |
| CYPRESS LAWN CEMETERY | 1770 | MISSION | |
| HILLSIDE LANDFILL | 1 | SAND HILL | |
| MONTALBANO INC. DBA STEWART CHEVROLET CADILLAC CHRYSLEF | 780 | SERRAMONTE | |
| WEST COAST ALL-PRO AUTO CONDITIONING | 485 | SERRAMONTE | |
| SERRAMONTE ACURA | 475 | SERRAMONTE | |
| SERRAMONTE HONDA | 485 | SERRAMONTE | |
| SERRAMONTE VOLKSWAGEN | 711 | SERRAMONTE | |
| BWNVT Motors Inc. dba Serramonte Ford | 999 | SERRAMONTE | |
| SERRAMONTE NISSAN | 650 | SERRAMONTE | |
| CHIPOTLE MEXICAN GRILL #1187 | 990 | SERRAMONTE | D |
| POPEYES LOUISIANA KITCHEN | 990 | SERRAMONTE | |
| POKE BOWL | 990 | SERRAMONTE | |
| ONO HAWAIIAN BBQ | 970 | SERRAMONTE | |

| | | | |
|-----------------------------------|-----|------------|---|
| STARBUCKS COFFEE #14424 | 990 | SERRAMONTE | A |
| DOLLAR TREE #4429 | 735 | SERRAMONTE | |
| PRECISION BODY SHOP & DETAIL INC. | 800 | SERRAMONTE | |
| LEXUS OF SERRAMONTE | 700 | SERRAMONTE | |
| SERRAMONTE SUBARU | 707 | SERRAMONTE | |
| CARMAX | 401 | SERRAMONTE | |