

MRP 3.0 Is Here:

New Stormwater Permit Requirements

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Presentation Overview

- **Municipal Regional Permit 3.0**
- **Resources**
 - SMCWPPP
 - CASQA

Municipal Regional Permit

- San Francisco Bay Municipal Regional Stormwater Permit (MRP)
- Covers 79 cities, counties, and districts in Bay Area

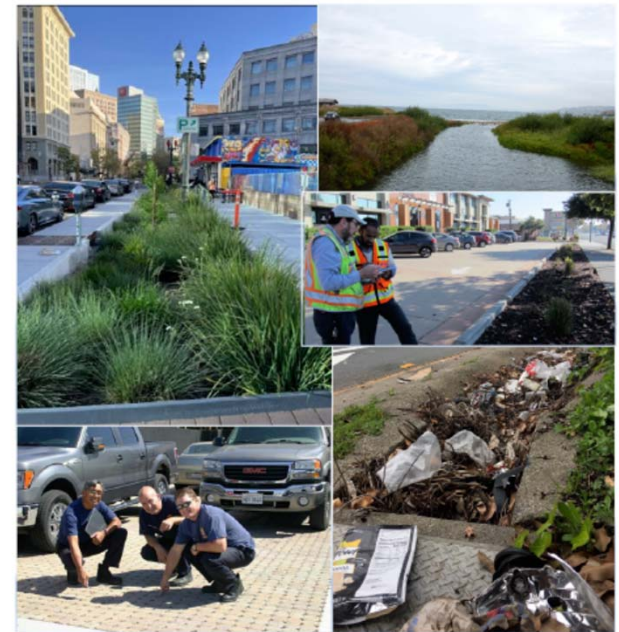


Municipal Regional Permit

- First adopted October 14, 2009
- Permit renewed every 5 years
- MRP 2.0 Effective Jan 1, 2016
- MRP 3.0
 - Adopted May 11, 2022
 - Effective date July 1, 2022

California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2022-0018
NPDES Permit No. CAS612008
May 11, 2022



San Mateo County Applicable MRP Provisions

Topic Specific		Pollutant Specific		Monitoring/Reporting	
C.2 Municipal Operations	C.6 Construction Site Controls	C.9 Pesticides Toxicity Control	C.13 Copper Controls	C.8 Water Quality Monitoring	C.16 Discharges to ASBS
C.3 New Development and Redevelopment	C.7 Public Information and Outreach	C.10 Trash Load Reduction	C.14 Bacteria Controls	C.20 Cost Reporting	C.21 Asset Management
C.4 Industrial/Commercial Site Controls	C.15 Exempted and Conditionally Exempted Discharges	C.11/12 PCB and Mercury Controls	C.18 Control of Sediment Discharges from Coastal SMC		
C.5 Illicit Discharge Controls	C.17 Unsheltered Homeless Populations				

Commercial/Industrial Site Control Program (Provision C.4)

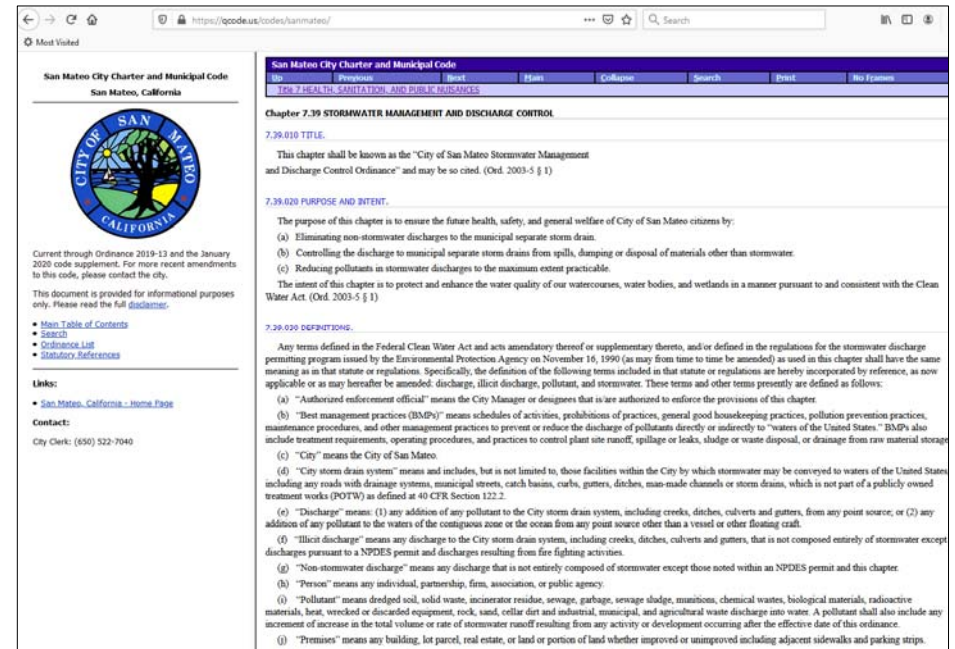
- Prevent discharges of pollutants and impacts on receiving waters
- Regulate by Best Management Practices (BMPs)



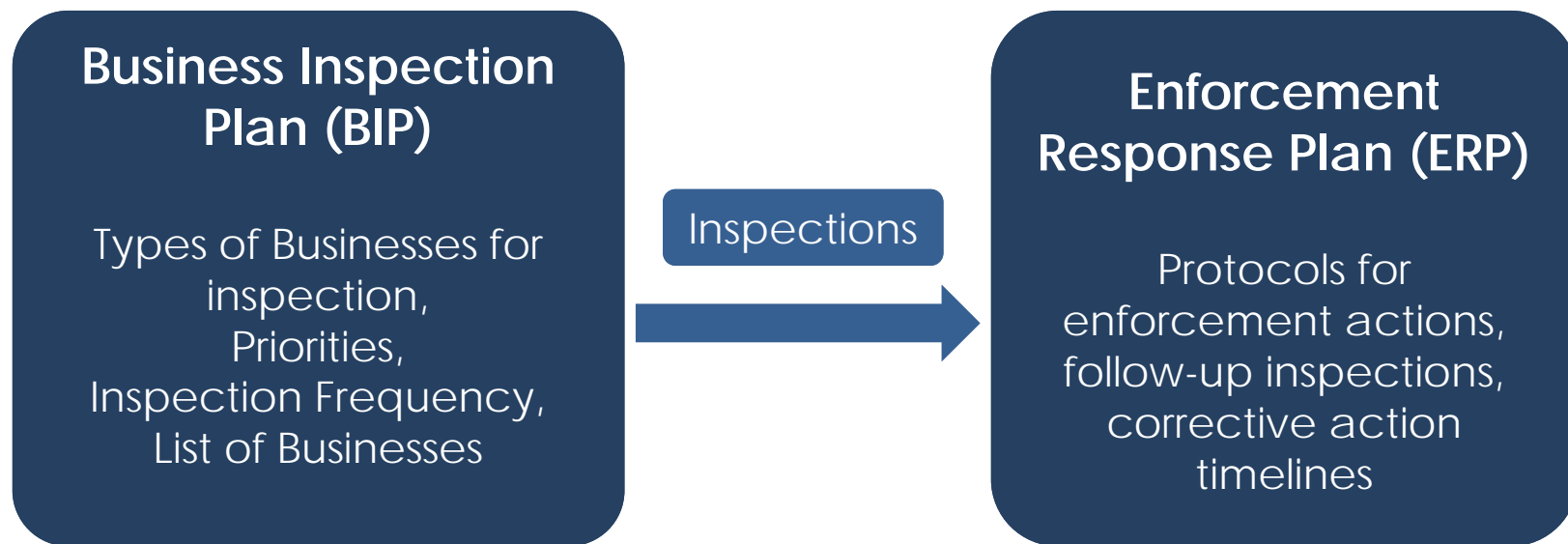
Commercial/Industrial Site Control Program

- Legal authority = Municipal Code

- Inspect
- Require BMPs
- Issue enforcement actions



Commercial/Industrial Site Control Program



New: Describe entity or entities performing inspections, responsibilities and how the Permittee oversees them to ensure all sites are inspected in BIP

MRP Facilities

- IGP NOI Facilities
- Vehicle Salvage yards
- Metal and other cycled materials collection facilities/waste transfer facilities
- Vehicle repair, maintenance, fueling or cleaning facilities
- Nurseries and greenhouses
- Building trades facilities/yards, corp yards
- Building material retailers and storage
- Plastic manufacturers
- **Restaurants and other food service businesses at which food is prepared or that have onsite eating and drinking areas for customers**
- **Supermarkets or large grocery stores with outdoor waste storage or cardboard compacting areas**



MRP Facilities

- Sites w/following functions
 - Outdoor waste storage, **handling**, and disposal areas
 - Outdoor vehicle and equipment storage and maintenance areas
 - Outdoor drainage from indoor areas
 - Outdoor process/manufacturing
 - Outdoor material storage areas
 - Outdoor wash areas
 - **Fueling areas**
 - Rooftop equipment



Enforcement Response Plan

- Potential discharge field scenario examples
 - Housekeeping issues
 - Inadequate waste or materials management
 - Evidence of actual discharges
 - Lack of emergency response plans
 - Lack of BMPs
 - Inadequate BMPs
 - Inappropriate BMPs



Enforcement Response Plan

- Actual discharge field scenario examples
 - Observed or documented flow of unauthorized, illicit or pollutant-containing stormwater discharges to the MS4



Enforcement Response Plan

- Corrective Actions
 - Active discharge – cease immediately
 - Corrective actions w/in 10 business days or before next rain event
 - Longer if rationale is documented
 - Including expected time frame for compliance
 - Verify corrective actions



Enforcement Response Plan

- Referral & Coordination w/Other Agencies
 - In cases where Permittee's enforcement tools are inadequate to remedy noncompliance, refer to the RWB, district attorney or other relevant agencies for additional enforcement
 - May also contact and coordinate with RWB staff for joint inspections

Business Inspections

- Observations for appropriate BMPs to prevent stormwater runoff pollution, or **unauthorized or** illicit discharge
- Observations for evidence of unauthorized/illicit discharges, illicit connections, and potential discharge of pollutants to stormwater **by the Discharger or contractors, such as and including mobile businesses, that operate on the facility**
- Observations for noncompliance with Permittee ordinances and other local requirements
- Verification of coverage under the IGP, if applicable

Recordkeeping

- Track inspection data in database/spreadsheet
 - Specific inspection data required by MRP
 - Can be requested by RWB at any time
 - Use to complete Annual Report
 - **Make available** list of facilities that have not filed NOI for coverage under IGP
 - Include date when first identified and date most recently inspected

Record Keeping

- Information for each facility
 - Name/address of business, local business operator
 - A brief description of business activity or pollutant source, including SIC **or NAICS** code. Examples: outdoor process/manufacturing areas, outdoor material storage areas, outdoor waste storage and disposal areas, outdoor vehicle and equipment storage and maintenance areas, outdoor parking areas and access roads, outdoor wash areas, rooftop equipment, outdoor drainage from indoor areas, and **use of mobile businesses for outdoor fueling, washing**, etc.;
 - Inspection priority and frequency
 - Whether facility requires coverage under the IGP

Illicit Discharge Detection and Elimination Program (Provision C.5)

- Control illicit discharges not otherwise controlled under C.4/C.6/C.17
- Implement program
 - Active surveillance
 - Centralized complaint collection
 - Follow-up to detect and eliminate illicit discharges
 - Maintain complaint tracking system



Illicit Discharge Detection and Elimination Program

■ Legal Authority

- Prohibit illicit discharges
- Inspection and surveillance
- Eliminate illicit connections and discharges
- Control discharge of spills, dumping or disposal of materials to the MS4
- **Permittees shall have adequate legal authority to hold mobile businesses, and the businesses, property managers, property owners, and other associated entities that hire a mobile business, responsible for stormwater pollution discharged by the mobile business operating at their location**

Enforcement Response Plan

- Revised to be consistent with C.4
 - Example list of potential discharges and actual discharges
 - If more than 10 business days are required for compliance record the rationale, **including expected time frame for compliance**
 - **Referral and Coordination with Other Agencies added**

Spill, Dumping and Complaint Response Program

■ Implementation Level

- Central contact point and publicize on website
- Municipal staff report illicit discharges found during field work
- Maintain and update flow charts/phone trees – internal and external agencies
- **The start of the investigation of a spill or discharge shall not exceed 3 business days from the date the complaint was received by the Permittee**
 - **Allow more time w/documentation of rationale for delay**

Spill, Dumping and Complaint Response Program

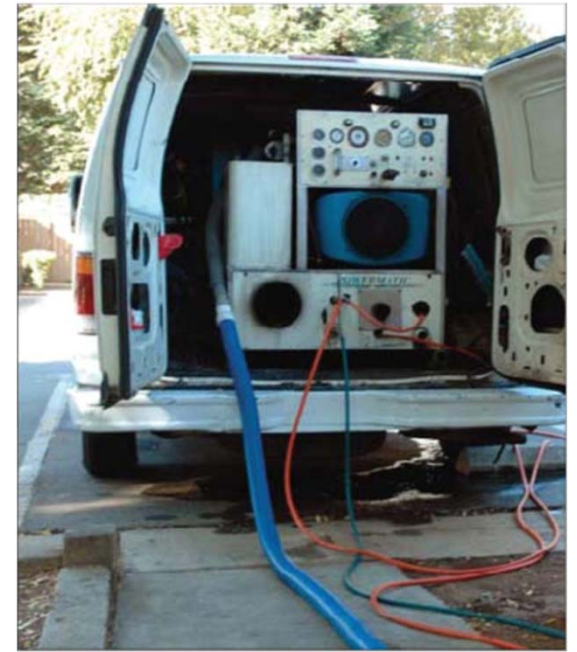
- Electronic database/table for tracking
 - Complaint information
 - Investigation information
 - Date/time investigation of spill or discharge started
 - **Date/time response to illegal dumping report or complaint started**
 - *RWB response to comments* – instances of dumping that do not have the potential to discharge to the MS4 are not required to be tracked
 - **Agency, department, or other entities responding**
 - **Identify** storm drain (approx. location) and/or receiving water entered

Spill, Dumping and Complaint Response Program

- Electronic database/table for tracking (continued)
 - Responses to discharges or dumping associated with unsheltered populations shall be coordinated with C.10 and C.17 efforts, and other agencies/entities addressing homeless issues


Control of Mobile Sources

- Minimum BMPs for various mobile businesses
 - Automobile washing
 - Vehicle fueling
 - Power washing
 - Steam cleaning
 - Carpet cleaning
 - **Graffiti removal**



Control of Mobile Sources

- Implement enforcement strategy
 - Send enforcement action information to Countywide Program
 - Enforcement table on members only webpage
- Update inventory **annually**
 - Countywide inventory
- Implement outreach strategy
 - SMCWPPP Mobile Business Fact Sheet
- Inspection of mobile businesses



flowstobay.org
SAN MATEO COUNTYWIDE
WATER POLLUTION PREVENTION PROGRAM
Clean Water. Healthy Community.

BEST MANAGEMENT PRACTICES FOR
MOBILE BUSINESSES
Carpet Cleaners | Vehicle Washers/Detailers | Power Washers | Pet Care Services | Steam Cleaners

Information about using Best Management Practices (BMPs) to prevent wash and rinse waters from entering storm drain systems and polluting local waterways, the San Francisco Bay, and the Pacific Ocean.

WHY SHOULD WE BE CONCERNED WITH WASH WATER DISPOSAL?
Wash water from mobile cleaning is NOT just dirt and water. It also may contain soaps, toxic chemicals, heavy metals, oil, and/or grease that are harmful to our creeks and waterways. Pollutants draining from mobile cleaning activities are washed into the street and into the storm drain system which then flows to our creeks, Bay, and Ocean without any cleaning or filtering.

Federal, State, and local regulations prohibit discharge of anything but rain water in the storm drain.

Implementing the proper Best Management Practices (BMPs) is easy and is required for compliance with stormwater pollution prevention regulations.

WHAT ABOUT BIODEGRADABLE & NON-TOXIC CLEANING PRODUCTS?
Cleaning products labeled "non-toxic" and "biodegradable" can still harm wildlife if they enter a storm drain system. Fish, for example, are affected by both regular and biodegradable soap! However, if disposed of in the sanitary sewer system, wastewater treatment plants prefer biodegradable products over toxic cleaners.

All soaps—even biodegradable ones—are harmful to fish!

PLAN AHEAD

- Determine where you will discharge wastewater before starting a new job.
- Be sure to have equipment on hand (i.e. long hoses, sump pump, etc.) for directing discharge to sanitary sewer access points.
- Ensure hoses are long enough to reach access points that are far from your holding tank.
- Contact your local hardware or construction material stores for available tools and materials for mobile businesses including wet/dry vacuums and sump pumps, mats, sand or gravel bags, wattles, etc.


4 STEPS TO REMEMBER BEFORE YOU CLEAN

- 1. Be a BASMAA Recognized Mobile Cleaner**
Take the online "mobile surface cleaning" training from BASMAA (Bay Area Stormwater Management Agencies Association). This program will train you on how to clean different surfaces in an environmentally acceptable way and publish your name as a trained cleaner. Visit www.basmaa.org.
- 2. Identify Storm Drain Locations**
Walk around the job site and identify where all storm drains are located. Wash water must not be allowed to flow into the storm drains.
- 3. Protect Drains and Collect Water**
Contact your local City stormwater Inspector to determine specific discharge requirements. Obtain permission to discharge to the property owner's sanitary sewer plumbing or landscaping before starting the job.
- 4. Dispose Wash Water Properly**
Contact your local wastewater treatment plant for specific discharge requirements entering the sanitary sewer system (phone numbers are listed on next page). Obtain permission from the property owner to discharge wash water at the job site or the contractor's place of business.

flowstobay.org

For More Information About Stormwater Pollution Prevention email info@flowstobay.org

UPDATED APRIL, 2019



Control of Mobile Sources

- Annual Reporting
 - # inspections
 - # of each type of mobile business inspected
 - Enforcement



Other Provisions

- C.5.f MS4 Map – significant changes
- C.13.b Manage discharges from Pools/Spas/ Fountains – no changes
- C.13.c Copper Source Control: Industrial Sources – no changes
- C.15.b.iii – Emergency Discharges of Firefighting Water and Foam – significant changes
- C.17 Discharges Associated with Unsheltered Homeless Populations – new provision

RESOURCES

SMCWPPP Resources

- **FlowsToBay.Org – Public access**
 - Data & Resources → Presentations & Workshops
- **FlowsToBay.Org – CII members-only webpage**
 - <https://www.flowstobay.org/privatecii>
 - How to Conduct Stormwater Inspections guidance (April 2015)
 - SW Inspector Guidance on Meeting Training Requirements Memo (June 2019)
 - BASMAA Pollutants of Concern Presentation
 - September 2020 training recordings

SMCWPPP Outreach Material

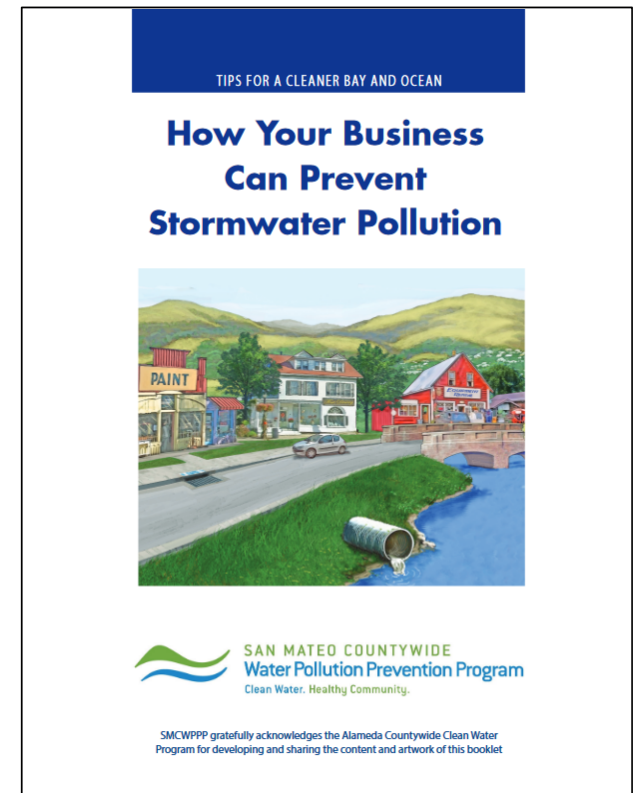
- FlowsToBay.Org
 - Different Languages
 - BMP Booklets
 - Fact Sheets
 - Posters



SMCWPPP Outreach Material

- General Business BMPs booklet
(English, Spanish, Chinese)

“Tips for a Cleaner Ocean and Bay: How Your Business Can Prevent Stormwater Pollution”



SMCWPPP Outreach Material

- Restaurant Fact Sheet (English, Spanish, Chinese)
- Vehicle Service Fact Sheet (English, Spanish, Chinese)
- Mobile Business Fact Sheet (English, Spanish, Chinese)
- Parklet Fact Sheet – coming soon!



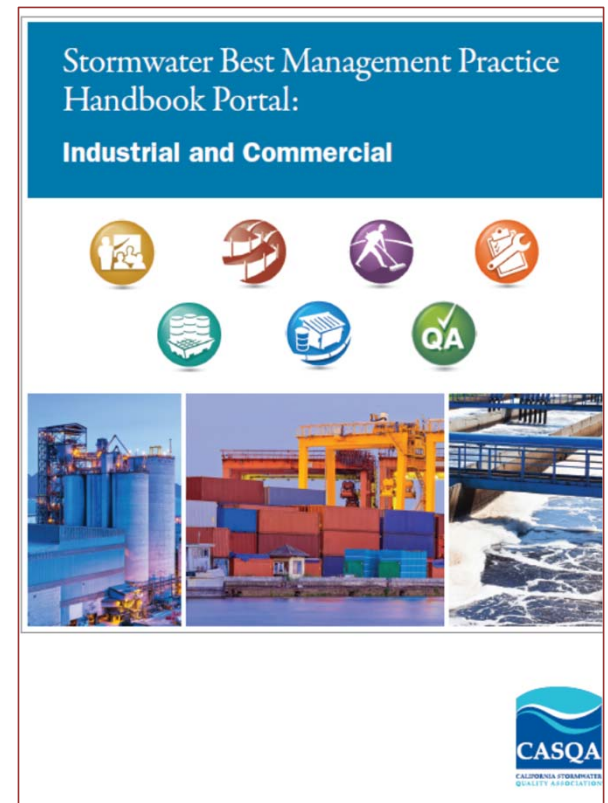
SMCWPPP Outreach Material

- FlowsToBay.Org
- Hard Copies
 - Restaurant Poster (English, Spanish)
 - Vehicle Service Poster (English, Spanish)



CASQA Resources

- CASQA Industrial and Commercial BMP Handbook
 - SMCWPPP group subscription
 - Source Control BMP Fact Sheets
 - Business Category BMP Fact Sheets
 - Auto Service
 - Food Service
 - Landscape Maintenance
 - Marinas, Boat/Shipyards, Ports
 - Mobile Cleaning



Contact Information

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