



REGIONAL WATER BOARD CONSTRUCTION STORMWATER INSPECTION PROGRAM

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PRESENTATION OUTLINE

- Construction Stormwater General Permit Intro
- Regional Water Board Construction Inspection Prioritization
- Inspection Focus Items
- Case Examples
- Coordination

CONSTRUCTION STORMWATER GENERAL PERMIT

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD
1001 I Street Sacramento, CA 95814

<https://www.waterboards.ca.gov>

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH
CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES
(GENERAL PERMIT)**

ORDER WQ 2022-0057-DWQ
NPDES NO. CAS000002

This Order was adopted by the State Water Resources Control Board on:	September 8, 2022
This Order shall become effective on:	September 1, 2023
The statewide programmatic permitting option per Section III.B.4 of this Order shall become effective on:	December 17, 2022
This Order shall expire on:	August 31, 2028

- Regulates stormwater discharges from construction sites of one acre or more, or part of a common plan of development
- Over 1,000 sites enrolled in San Francisco Bay region

APPLYING FOR PERMIT COVERAGE

- Applications submitted via the Stormwater Multiple Application and Report Tracking System (SMARTS)

California Water Boards
State Water Resources Control Board

Board Programs Drinking Water Water Quality Water Rights Notices Water Boards Search

Stormwater Multiple Application and Report Tracking System
SMARTS

SMARTS LOGIN
User ID:
Password:
[Login](#) [Create Account](#)
[Unlock](#) [Reset Password](#) or [Forgot User ID](#)

Browser Requirements: SMARTS works best with Microsoft Edge. The use of other browsers may cause unexpected errors.

Public User Menu Permit FAQs SMARTS Resources Email SMARTS Help

SMARTS – PUBLIC SEARCH

Water Boards Stormwater Multiple Application & Report Tracking System

Notice Of Intents Search Results

Following are the results that matched with your search criteria. To refine or start a new search, click Back button on the browser.

[Export to Excel](#) [Back to Search](#)

App ID	WDID	Application Type	Status	Status Date	Owner/Operator Name & Address	Site/Facility Name & Address	NOI Form	Attachments	Receipt Letter
580489	2 43C406347	Construction	Active	02/28/2025	KB HOME South Bay Inc 5000 Executive Parkway Suite 125 San Ramon California 94583	Communication Hill Phases 3 & 4 3040 Lina Street San Jose California 95136	NOI Form	View Attachments	Receipt Letter

NOT List

NOT ID	WDID	NOI Type	Waiver	Linear	Status of Document	Status Date	Site/Facility Name & Address	Basis of Termination
No records found.								

NOTICE OF INTENT

- Stormwater Pollution Prevention Plan
- Risk Determination
- Best Management Practices
- Monitoring and reporting requirements



RISK LEVEL DETERMINATION



		Sediment Risk		
		Low	Medium	High
Receiving Water Risk	Low	Level 1	Level 2	
	High	Level 2		Level 3

- Risk Level Determination includes:
 - Sediment risk found by multiplying the rainfall erosivity (R), soil erodibility (K), and length-slope (LS) factors
 - Receiving water risk found from waterbody impairments and beneficial uses (the risk sediment poses to receiving waters)
- Risk Levels 1, 2, and 3 have different levels of compliance requirements, BMP implementation, and monitoring

LINEAR UNDERGROUND AND OVERHEAD PROJECTS (LUPs)



- LUPs include conveyance facilities, culverts, pipelines, or other linear corridors for electricity, communication transmissions, or transportation of any gaseous, liquid, liquescent, and slurry material
- Ancillary facilities such as new access roads, laydown yards, staging areas, substations, etc. that primarily function as support
- CGP post-construction requirements do not apply due to activity returning project sites to pre-construction conditions

DEWATERING REQUIREMENTS



- Dewatering authorized under Permit Attachment J includes **uncontaminated** discharges via pumping or syphoning from site features such as excavations, trenches, foundations, impoundments, and construction-related groundwater
- Stormwater Pollution Prevention Plan (SWPPP) with site-specific dewatering BMPs, O&M procedures, and monitoring required
- If turbidity or pH exceed numeric action levels (NALs), SWPPP must be revised with corrective actions within 10 days

SMALL CONSTRUCTION RAINFALL EROSIVITY WAIVER

Steps to Calculate an R Factor for your Small Construction Project


- 1 Select the state and date and end date of construction by clicking the state on the below and using the dropdown calendar. The period of construction is automatically set to 1041 even if it is not used and not with final state borders.

Start Date: mm/dd/yyyy End Date: mm/dd/yyyy

2 Select your small construction project by entering the address in the search box or by clicking on the map.

Location

Enter address or latitude/longitude Search



- For sites between one and five acres, where construction activity will take place during a period when the calculated rainfall erosivity factor (R Factor) is less than five
- No Stormwater Pollution Prevention Plan or monitoring required
- If the duration changes resulting in an R Factor of five or greater, the discharger must obtain coverage under the Permit



REGIONAL WATER BOARD PRIORITIZATION



CGP PRIORITIZATION

- Inspection target: 10% of active NOI facilities
 - CGP Traditional
 - CGP LUP
 - CGP Caltrans
 - CGP Non-filers
- CGP Waivers not included in target

	TOTAL	FY 25/26 INSPECTION TARGET
NOI	1353	135
Waivers	24	N/A

CGP PRIORITIZATION

FACTORS
CONSIDERED



RISK LEVEL



ENVIRONMENTAL
JUSTICE



MONITORING
REPORTS



ANNUAL REPORTS



PAST
INSPECTIONS/
REFERRALS

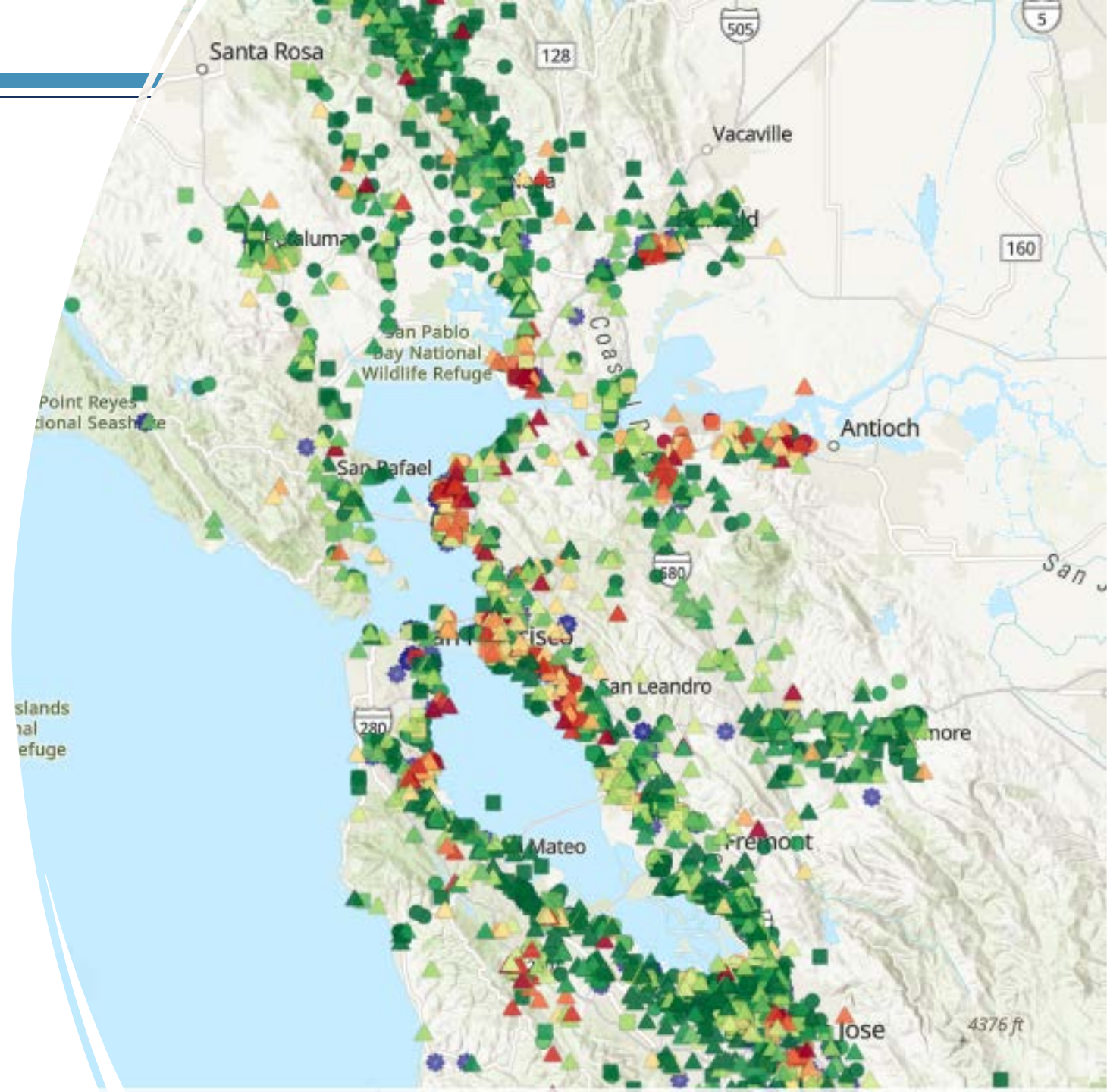


EROSION
POTENTIAL

CGP PRIORITIZATION

ArcGIS Map – Layers:

- CGP
- IGP
- 401/WDRs





INSPECTION FOCUS ITEMS



STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

1. Project name, location, schedule, and contact info
2. Site maps for before, during, and after construction
3. Identification of all pollutants and control mechanisms
4. Pollutant source assessment, including non-visible and TMDLs
5. Site-specific BMPs
6. Non-stormwater discharges (NSWDs)
7. Spill and leak prevention and response plan
8. Construction Site Monitoring Program
9. Changes and amendments

BEST MANAGEMENT PRACTICES



EROSION
CONTROL



SEDIMENT
CONTROL



TEMPORARY
STABILIZATION



NON-
STORMWATER
DISCHARGES



EQUIPMENT
AND VEHICLE
WASHING

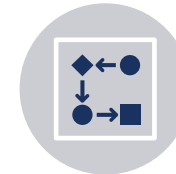


EXPOSURE
MINIMIZATION



SPILLS AND LEAKS

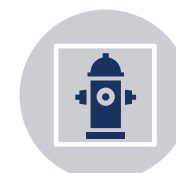
BMPs Applicable to All Sites



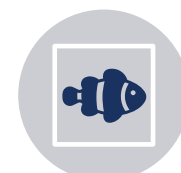
ACTIVE
TREATMENT
SYSTEMS



PASSIVE
TREATMENT
SYSTEMS



DEWATERING



TMDLS

Activity-Specific BMPs



INSPECTION CASE EXAMPLES

TALUS RESERVE, MARIN CITY



During Inspection



Corrective Actions



PARADISE DRIVE, TIBURON



During Inspection



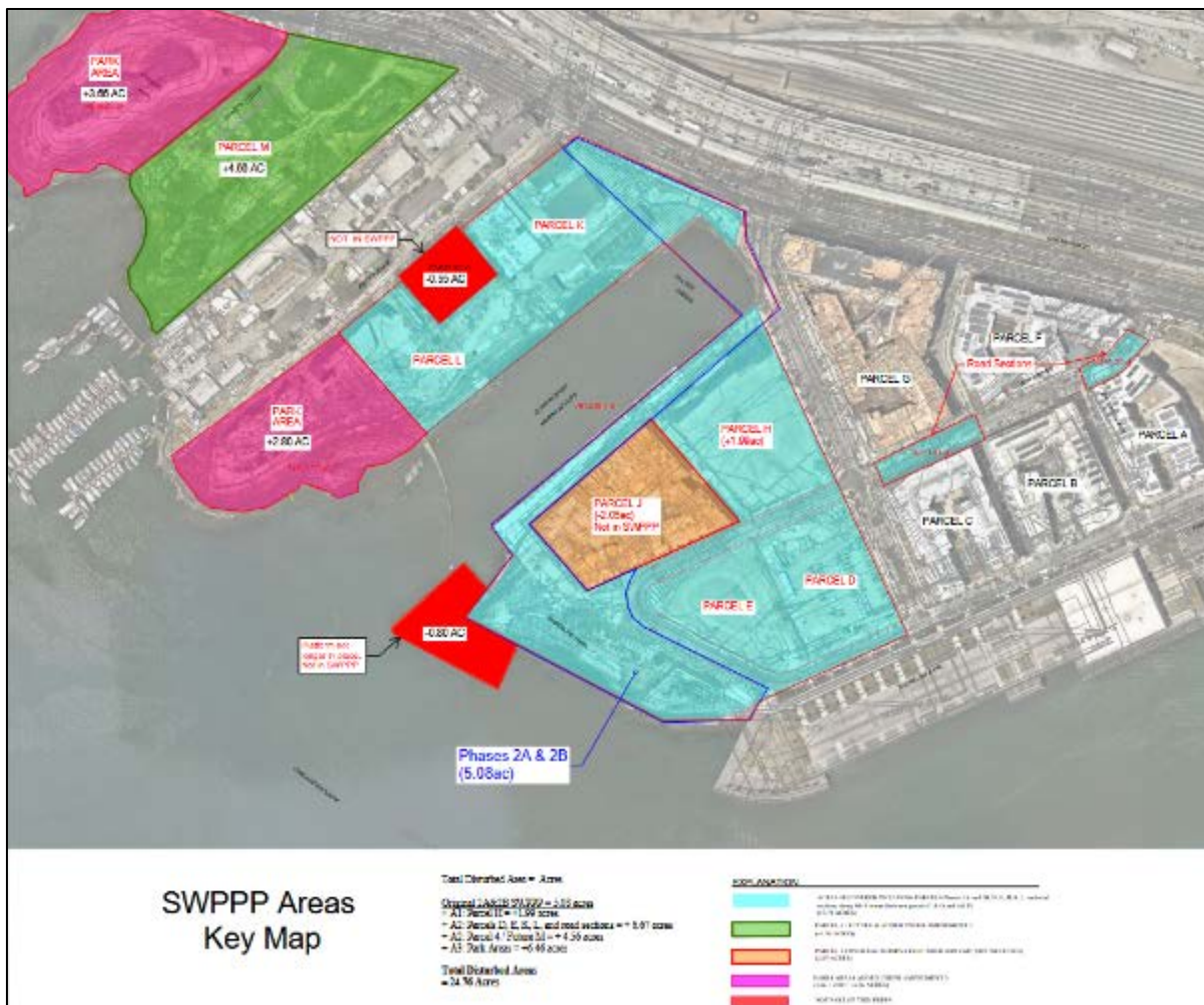
Corrective
Actions



150 WILDWOOD, WOODSIDE



BROOKLYN BASIN, OAKLAND



CROW CANYON ROAD, CASTRO VALLEY



COORDINATION

- Municipal inspectors play important role in ensuring construction sites comply with stormwater requirements
- Contact us to coordinate on site reviews or inspection, or to refer facilities/sites to us for follow-up:
 - Region 2 Stormwater Mailbox: r2stormwater@waterboards.ca.gov
 - Maggie Monahan: margaret.monahan@waterboards.ca.gov
 - Joseph Monical: joseph.monical@waterboards.ca.gov
 - Haweya Farah: haweya.farah@waterboards.ca.gov



SUMMARY

- The Construction Stormwater General Permit applies to sites of one acre or more, or part of a common plan of development
- A site self-certifies that they qualify for the permit coverage obtained
- Regional Water Board inspection target is 10% of sites per year
- Prioritization is based on many factors – risk level, environmental justice, compliance history
- Coordination and collaboration is key to ensure construction sites operate to control stormwater runoff

RESOURCES

- Construction Stormwater General Permit:
https://www.waterboards.ca.gov/water_issues/programs/storm_water/construction/general_permit_reissuance.html
- Program Webpage:
https://www.waterboards.ca.gov/water_issues/programs/storm_water/construction.html
- Frequently Asked Questions:
https://www.waterboards.ca.gov/water_issues/programs/storm_water/construction/cgp-faq.html
- Stormwater Multiple Application and Report Tracking System:
<https://smarts.waterboards.ca.gov>
- SMARTS Help Guides:
https://www.waterboards.ca.gov/water_issues/programs/storm_water/smarts/construction/const_help_guides.html
- California Stormwater Quality Association (CASQA):
<https://www.casqa.org/>