(D) 4. Municipal Regional Stormwater Permit Update

Lori Mitchell, P.E., Acting Director, Environmental Services Rajani Nair P.E., Deputy Director, Environmental Services Mathew Nguyen, P.E., Deputy Director, Public Works Jennifer Seguin, Deputy Director, Transportation James A. Williams, Assistant Fire Chief, Fire

Transportation & Environment Committee March 3, 2025

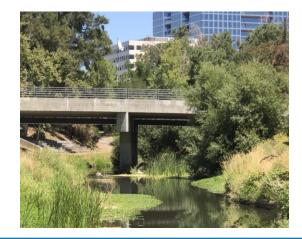


Environmental Services

The Clean Water Act

- The Federal Water Pollution Control Act of 1948 was the first major U.S. law to address water pollution.
- Growing public awareness and concern for controlling water pollution led to sweeping amendments that became commonly known as the Clean Water Act (CWA).
 - Prohibits the discharge of any pollutant into the waters of the United States







Municipal Regional Stormwater Permit Provisions – Effective July 1, 2022

City Departments (with support from Office of Economic Development and Cultural Affairs

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Permit Provision		City Departments (with support from Office of Economic Development and Cultural Affairs, Finance, and City Manager's Budget Office)								
		ESD	DOT	Housing	PBCE	PRNS	PW	Airport	Fire	Police
C.2	Municipal Operations	\checkmark	\checkmark		\checkmark		\checkmark			
C.3	New Development and Redevelopment (GSI)	\checkmark	\checkmark		\checkmark	\checkmark	\checkmark	\checkmark		
C.4	Industrial and Commercial Site Controls	\checkmark								
C.5	Illicit Discharge and Detection Elimination	\checkmark	\checkmark			\checkmark	\checkmark		\checkmark	
C.6	Construction Site Control	\checkmark					\checkmark			
C.7	Public Information and Outreach	\checkmark				\checkmark				
C.8	Water Quality Monitoring	\checkmark								
C.9	Pesticides Toxicity Control	\checkmark	\checkmark			\checkmark	\checkmark	\checkmark		
C.10	Trash Load Reduction	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark			
C.11, C.12	Mercury and PCBs Controls	~	~		~		\checkmark			
C.13	Copper Controls	\checkmark								
C.15	Exempted & Conditionally Exempted Discharges		\checkmark		\checkmark			\checkmark	\checkmark	
C.17	Discharges Associated with Unsheltered Homeless Populations		~	\checkmark		~				
C.20	Cost Reporting	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
C.21	Asset Management	\checkmark	\checkmark			\checkmark	\checkmark	\checkmark	\checkmark	
C.22	Annual Reports	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

	MRP 3 Critical Milestone		and Year 4
June 2025	September 2025	December 2025	and beyond
 Complete Initial Inspections of Private Lands parcels 	 Submit Direct Discharge Progress Report Submit 1st year implementation of Cost Reporting Submit Stormwater Annual Report Submit Regional Firefighting Discharges Report Submit Asset Management Plan Submit map with homeless encampment locations 	 Complete Small and Large FTC Installation Achieve 100% Trash Load Reduction 	 Mark 80% of the City's storm sewer inlets with "No Dumping" message 1st year implementation of Asset Management Plan Direct Discharge Progress Report, Stormwater Annual Report

Delivering world-class utility services and programs to improve our health, environment, and economy.



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C.3 New and Redevelopment - Green Stormwater Infrastructure (GSI)

Next Steps:

- February 2025: Complete *Riverview Stormwater Capture Garden* - Santa Clara County's first GSI Regional Project
- Develop Alternative Compliance Program, In-Lieu
 Fee to support GSI design, permitting, installation, and ongoing operations and maintenance
- Track and assess increasing number of required GSI projects maintained by the City







C.10 Trash Load Reduction

Achieve 100% trash load reduction without offsets by December 31, 2025

Next Steps:

- Reevaluate options to meet 100% for 3 large full trash capture (LTC) devices not installed
- Install ~530 inlet-based full trash capture (STC) devices
- Complete Phase II Waterways Surge Count per Direct Discharge Plan
- Complete Private Lands inspections on private properties
- Seek and potentially secure new Grant funding for non-profit partners
- Pilot Adopt-a-Storm Drain Program (per CD 1) to increase on land visual assessment scoring and help to maintain trash load reduction











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C.11 Mercury ControlsC.12 Polychlorinated Biphenyls(PCBs) Controls

Next Steps:

- Continue monitoring, investigation, and enforcement of additional Source and Moderate parcels per Water Board approved revised Regional Control Measure Plan
- Implement enhanced O&M in public ROW for Moderate Old Industrial Areas where no Source Properties found
- Continue coordinating with Planning Building Code Enforcement regarding Building Demolition Permit review







C.15.b.iii. Emergency Discharges of Firefighting Water and Foam

Next Steps:

- Submit Regional Firefighting Discharges Report to the Water Board by September 30, 2025
- Need to implement training for Fire staff and vendors
- Evaluate Large Industrial sites emergency firefighting discharge management practices







C.17 Discharges from Unsheltered Homeless Populations

Next Steps:

- Complete Phase II Waterways Surge Count and submit map with homeless encampment locations
- In-channel waterway cleanups in partnership with Valley Water







C.20 Cost Reporting & C.21 Asset Management

Next Steps:

- Continue to track using Water Boardapproved Cost Reporting Framework tool
- Submit report with September 2025
 Stormwater Annual Report

Next Steps:

- Coordinate with City Departments to identify applicable assets, existing operating procedures, future plans and gaps
- Complete and Submit Asset
 Management Plan with September
 2025 Stormwater Annual Report
- Implement Asset Management Plan starting July 1, 2025



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What We're Striving to Achieve

Coyote Creek, Before and After 78 volunteers removed over 7,400lbs of trash Photos courtesy of Keep Coyote Creek Beautiful, December 2024



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Environmental Services