

835450 - Stormwater-Wastewater Bacteria Control Program

Originating Year:	2021	Project Type:	Stormwater	Department:	270 - Environmental Services
Planned Completion Year:	Ongoing	Category:	Special	Project Manager:	Madeline Khair

Project Description/Scope/Purpose

The City stormwater system operates under the Municipal Stormwater National Pollutant Discharge Elimination System (NPDES) permit (Stormwater Permit or MRP), the core purpose of which is to minimize pollutants from storm systems into local creeks, channels, and the Bay. Previously, Provision C.1 of the permit provided for a compliance pathway if new pollutant issues are identified. Sunnyvale submitted a Bacteria Control Plan to the Regional Water Quality Control Board in 2020, per Provision C.1 of the Stormwater Permit, to address potential discharges of bacteria from the storm system.

The new Stormwater Permit includes provision C.14 Bacteria Control for Impaired Water Bodies. Provision C.14.a. Enhanced Bacteria Control specifically requires Sunnyvale and Mountain View to implement actions to reduce bacteria inputs into waterways with bacteria exceedances. This project supports program activities to comply with this permit provision.

Funding will support the addition of pet waste stations, enhanced public outreach, water quality monitoring, investigation of potential sources of bacteria, and other actions to limit bacteria sources. Anticipated costs are consultant services, material and supply purchases, and contracted work.

Project Evaluation and Analysis

The new Municipal Regional Permit for stormwater discharge contains a requirement for cities to evaluate and implement programs to address bacteria discharges. As this work will at times involve interacting with disadvantaged communities, the City will seek to work with community groups that are best equipped to engage with these communities.

Fiscal Impact

The Stormwater Permit requirements for bacteria control require an iterative response; the scale and location for action is based on monitoring program results. Additional funding will likely be needed to address implementation needs for the full term of the permit, through FY 2026/27.

Funding Sources

Wastewater Enterprise Fund and General Fund

Plans and Goals

EM - Environmental Management - EM-8: Protection of Creeks and Bay

EM - Environmental Management - EM-6: Effective Wastewater Collection System

Project Financial Summary

	Project Costs	Revenues	Operating Costs
Prior Actual	-	-	-
2022-23	149,000	-	-
2023-24	175,000	-	-
2024-25	175,000	-	-
2025-26	-	-	-
2026-27	-	-	-
2027-28	-	-	-
2028-29	-	-	-
2029-30	-	-	-
2030-31	-	-	-
2031-32	-	-	-
2032-33	-	-	-
2033-34	-	-	-
2034-35	-	-	-
2035-36	-	-	-
2036-37	-	-	-
2037-38	-	-	-
2038-39	-	-	-
2039-40	-	-	-
2040-41	-	-	-
2041-42	-	-	-
2042-43	-	-	-
20 Year Total	350,000	-	-
Grand Total	499,000	-	-