

STATE OF CALIFORNIA  
REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT: Robert Schlipf  
MEETING DATE: June 9, 2021

**ITEM: 5A**

**Eco Services Operations Corp., Eco Services Martinez Plant, Martinez, Contra Costa County**  
– Reissuance of NPDES Permit

**DISCUSSION:**

This Tentative Order (Appendix A) would reissue the NPDES permit for discharges from Eco Services' wastewater treatment plant and stormwater outfall. Eco Services operates a sulfuric acid regeneration plant that processes spent sulfuric acid from nearby petroleum refineries. This process generates about 80,000 gallons per day of wastewater. Eco Services treats wastewater by adding sodium hydroxide to increase the pH and using a series of ponds to remove solids. After treatment, Eco Services discharges effluent to Carquinez Strait via a deepwater diffuser that is about 750 feet offshore. Eco Services also discharges stormwater from paved areas surrounding administrative and maintenance buildings to Peyton Slough.

The Tentative Order is much like the previous order, but would update the water quality-based effluent limits based on current data and treatment plant operations to add effluent limits for cadmium, 1,2-diphenylhydrazine, and 4,4-DDD; and remove effluent limits for selenium, benzo(b)fluoranthene, chrysene, and dieldrin. It would also require a new test species for chronic toxicity monitoring.

We did not receive any comments and expect this item to be uncontested.

**APPENDIX:**

A. Tentative Order

Appendix A  
Tentative Order