

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

STAFF SUMMARY REPORT: Marcos De la Cruz
MEETING DATE: July 14, 2021

ITEM: 5A

East Bay Municipal Utility District, Orinda Water Treatment Plant, Orinda, Contra Costa County – Reissuance of NPDES Permit

DISCUSSION:

This Tentative Order (Appendix A) would reissue the NPDES permit for the District's Orinda Water Treatment Plant, which filters potable water before delivery to customers. The Orinda Water Treatment Plant discharges about 2.3 million gallons per day of treated filter backwash water to San Pablo Creek, which flows to San Pablo reservoir.

While the Board adopted *General Waste Discharge Requirements for Discharges of Treated Filter Backwash from Drinking Water Treatment Facilities to Inland Surface Waters* in May 2021, the Orinda Water Treatment Plant must be regulated by an individual permit because the discharge contains dichlorobromomethane, a disinfection by-product, at concentrations above the water quality objective. Like the previous order, this Tentative Order would continue to include water quality-based effluent limits for dichlorobromomethane that account for mixing and dilution in the receiving waters. It would also protect drinking water by ensuring that dichlorobromomethane concentrations at the far side of San Pablo Reservoir, where the District's Sobrante Water Intake Tower is located, would be below the water quality objective. The Tentative Order would eliminate downstream receiving water monitoring for dichlorobromomethane because effluent monitoring would be sufficient to ensure water quality protection.

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

APPENDIX:

A. Tentative Order

Appendix A
Tentative Order