

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

STAFF SUMMARY REPORT (Samuel Plummer)
MEETING DATE: September 9, 2020

ITEM: 5A

SUBJECT: East Bay Municipal Utility District, Special District No. 1,
Main Wastewater Treatment Plant and Interceptor
Conveyance System, Oakland, Alameda County –
Reissuance of NPDES Permit

CHRONOLOGY: May 2015 – Permit reissued

DISCUSSION: This Revised Tentative Order (Appendix A) would reissue the NPDES permit for the East Bay Municipal Utility District's Main Wastewater Treatment Plant. The plant provides secondary treatment of domestic, commercial, and industrial wastewater from the cities of Alameda, Albany, Berkeley, Emeryville, Oakland, and Piedmont, and Stege Sanitary District (Satellites). The service area has a population of about 710,000. The District treats about 57 million gallons of wastewater per day for discharge to San Francisco Bay via a deepwater diffuser that is about 5,700 feet offshore, near the Bay Bridge.

The District has a long-standing issue that, during wet weather, influent flows can increase by tenfold. To reduce wet weather inflow and infiltration into the collection systems operated by the Satellites, the Board joined a federal consent decree in 2014 requiring the Satellites to rehabilitate their respective collection systems. The actions in that consent decree will reduce peak inflows to the plant over the next 15 years. Currently, the facility maintains storage for wet weather flows up to 11 million gallons. Under the current permit when this capacity is reached wet weather bypasses of biological treatment occurs. In addition, there are wet weather nearshore outfalls which diver flows during severe wet weather. These discharges are addressed under Order No. R2-2020-0003.

The Revised Tentative Order would update discharge requirements using current data in accordance with State and regional policies. We received no comments on a draft permit distributed for public review. However, we added Fact Sheet section 2.6 (page F-9) to describe the District's sea level rise adaptation efforts. We also made minor editorial and formatting changes. We expect this item to be uncontested.

RECOMMEN- Adoption of the Revised Tentative Order
DATION:

CIWQS: CW-222132

APPENDIX: A. Revised Tentative Order

Appendix A
Revised Tentative Order