

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

STAFF SUMMARY REPORT (James Parrish)  
MEETING DATE: October 14, 2020

**ITEM:** 6B

**SUBJECT:** Union Sanitary District, Raymond A. Boege Alvarado  
Wastewater Treatment Plant Wet Weather Outfall, Union City,  
Alameda County – Reissuance of NPDES Permit

**CHRONOLOGY:** November 2015 – Permit reissued

**DISCUSSION:** The Revised Tentative Order (Appendix A) would reissue the NPDES permit for the Raymond A. Boege Alvarado Wastewater Treatment Plant, owned and operated by the Union Sanitary District (District), to discharge during wet weather to Old Alameda Creek. The plant provides secondary treatment of domestic and commercial wastewater from the cities of Fremont, Newark, and Union City, serving a population of about 356,100.

The District is a member of the East Bay Dischargers Authority (EBDA) and can discharge up to 42.9 million gallons per day (MGD) of treated wastewater through the EBDA common outfall, a deep-water outfall in Lower San Francisco Bay. The Revised Tentative Order would continue to allow the District to discharge treated wastewater to Old Alameda Creek, a tributary to Lower San Francisco Bay, during extreme wet weather events when the treated wastewater volume exceeds its discharge capacity to the EBDA common outfall.

Historically, the District has routed approximately 3.0 MGD of treated wastewater to Hayward Marsh, a constructed marsh system owned and operated by the East Bay Regional Parks District. During the proposed permit term, the East Bay Regional Parks District plans to restore Hayward Marsh to establish a tidal connection to San Francisco Bay. To allow restoration of Hayward Marsh to proceed, the District will re-route its Hayward Marsh discharges to the EBDA common outfall. This is expected to increase the District's discharge frequency to Old Alameda Creek from about once every 10 years to 3 times per year. These discharges will be short in duration and small in volume (typically less than 0.50 million gallons). During the proposed permit term, the District plans to initiate treatment plant upgrades that will reduce nutrient discharges to San Francisco Bay. These upgrades are expected to be complete in 2027, after which the District intends to rely less on the EBDA common outfall and increase its discharge frequency to Old

Alameda Creek up to 12 times per year. The Revised Tentative Order covers the additional increase in discharge frequency should the District complete plant upgrades prior to the next permit reissuance.

We received minor comments from the District (Appendix B) on a draft permit distributed for public review. We prepared a response to those comments (Appendix C) and made changes to the draft permit that are reflected in the Revised Tentative Order. We expect this item to be uncontested.

**RECOMMEN-  
DATION:** Adoption of the Revised Tentative Order

**CIWQS:** CW-269042

**APPENDICES:** A. Revised Tentative Order  
B. Comments  
C. Response to Comments

Appendix A  
Revised Tentative Order

# Appendix B

## Comments

In accordance with Section 11546.7 of the California Government Code, an electronic version of the comments received have not been posted online as they do not meet specified accessibility standards.

For an electronic copy of the comments, please see the contact information provided in Fact Sheet section VIII.G of the revised tentative order.

Appendix C  
Response to Comments