

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

STAFF SUMMARY REPORT (Gaurav Mittal)  
MEETING DATE: March 11, 2020

**ITEM:** 6A

**SUBJECT:** **Fairfield-Suisun Sewer District, Fairfield-Suisun Wastewater Treatment Plant and Wastewater Collection System, Fairfield, Solano County – Reissuance of NPDES Permit**

**CHRONOLOGY:** March 2015 – Permit reissued

**DISCUSSION:** This Revised Tentative Order (Appendix A) would reissue the NPDES permit for the Fairfield-Suisun Wastewater Treatment Plant. The plant provides advanced secondary treatment of domestic, commercial, and industrial wastewater from the Cities of Fairfield and Suisun City, serving a population of about 144,000. The plant treats about 14 million gallons per day of wastewater for discharge to Boynton Slough, two privately-owned duck ponds in Suisun Marsh, and Ledgewood Creek.

During the previous order term, the District partnered with Lystek International Inc., to develop an organic materials recovery center for biosolids processing. This process uses thermal hydrolysis to convert the District's biosolids to a biofertilizer product that can be land applied. The District has not landfilled any of its biosolids since August 2016. The Revised Tentative Order would update the permit based on current data and updated State and regional policies and regulations.

We received comments from the District (Appendix B) on a draft permit distributed for review. We prepared a response to those comments (Appendix C) that explain changes reflected in the Revised Tentative Order. The most significant change was to clarify monitoring and reporting requirements for parameters measured continuously such as dissolved oxygen. We expect this item to be uncontested.

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

**CIWQS:** CW-225526

**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