

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

**STAFF SUMMARY REPORT: Natlie Lee
MEETING DATE: August 13, 2025**

ITEM: 5C

**Fairfield-Suisun Sewer District, Fairfield-Suisun Wastewater Treatment Plant and its
sanitary sewer system, Fairfield, Solano County – Reissuance of NPDES Permit**

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

STAFF SUMMARY REPORT: Natlie Lee
MEETING DATE: August 13, 2025

ITEM: 5C

Fairfield-Suisun Sewer District, Fairfield-Suisun Wastewater Treatment Plant and its sanitary sewer system, Fairfield, Solano County – Reissuance of NPDES Permit

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 and Travis Air Force Base, serving a population of about 148,000. The plant treats about 13 million gallons per day of wastewater for discharge to Boynton Slough, two privately-owned duck ponds in Suisun Marsh, and Ledgewood Creek.

The Revised Tentative Order reflects updated state and regional policies and regulations and the addition of a new discharge point, which would intermittently discharge to Boynton Slough. The new discharge would be incidental tailwater from the irrigation of nearby agricultural lands using the treatment plant's effluent. The Revised Tentative Order would also remove the receiving water limitations contained in the previous order that served as backstops for unanticipated circumstances or changes to effluent quality that could affect water quality. This is consistent with the U.S. Supreme Court's ruling in *City and County of San Francisco, California v. Environmental Protection Agency* (2025) 145 S.Ct. 704, which held that, under the Clean Water Act, NPDES permits issued by the U.S. EPA may not include endresult requirements. The Revised Tentative Order does not include additional requirements in lieu of receiving water limitations because the proposed effluent limitations are sufficient to protect water quality. The Revised Tentative Order would retain provisions that prohibit the treatment of pollutants and the storage and treatment of sludge and biosolids from creating a nuisance. The nuisance provisions would implement state law only and would not be enforceable under the Clean Water Act.

We did not receive formal comments on a draft order circulated for public review. However, we made minor staff-initiated changes as described in Appendix B to update Discharger information and clarify rationale and proposed monitoring and reporting requirements. We expect this item to remain uncontested.

APPENDIX:

- A. Revised Tentative Order
- B. Staff-Initiated Changes

Appendix A

Revised Tentative Order

Appendix B

Staff-Initiated Changes