

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

STAFF SUMMARY REPORT: Tong Yin
MEETING DATE: February 9, 2022

ITEM: 6A

Napa Sanitation District, Socol Water Recycling Facility and Collection System, Napa, Napa County – Reissuance of NPDES Permit

DISCUSSION:

This Revised Tentative Order (Appendix A) would reissue the NPDES permit for the Napa Sanitation District's wastewater treatment plant and its sewage collection system. The plant provides secondary treatment of wastewater from the City of Napa and adjacent unincorporated areas in southern Napa County, serving a population of approximately 83,000. The plant's average dry weather flow design capacity is 15.4 million gallons per day. From October 1 through June 30, the Revised Tentative Order would allow treated wastewater to be discharged to the Napa River. From July 1 through September 30, discharge to the Napa River would be prohibited, except when the plant flow exceeds the demand of the recycled water and storage system. During this period, the District reclaims treated wastewater for use in irrigation, and can also store wastewater in its oxidation ponds when demand is low.

The Revised Tentative Order would update requirements to reflect recent regulatory changes and current conditions. For example, it would update chlorine and oil and grease requirements based on the Basin Plan amendment recently adopted by the Board. It would also impose more stringent ammonia limits because recent data indicate reasonable potential for ammonia and thus, we developed water quality-based effluent limitations that happen to be more stringent than the limits in the previous order.

We received comments (Attachment B) from the Napa Sanitation District on a tentative order circulated for public review. The District's most significant comment was a request to retain the previous order's less stringent ammonia limits. We prepared a response to the comments (Appendix C) that explains why we did not substantively revise the tentative order. Appendix C also lists staff-initiated changes mainly relating to the new total residual chlorine water quality-based effluent limits.

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 comment received has not been posted online as it does not meet specified accessibility standards. For an electronic copy of the comment, please see the contact information provided in Fact Sheet section V.G of the Revised Tentative Order.

Appendix C
Response to Comments