

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

STAFF SUMMARY REPORT: Kerry O'Connor
MEETING DATE: March 9, 2022

ITEM: 6A

City of Calistoga, Dunaweal Wastewater Treatment Plant and Wastewater Collection System, Calistoga, Napa County – Reissuance of NPDES Permit

DISCUSSION:

This Revised Tentative Order (Appendix A) would reissue the NPDES permit for the City's wastewater treatment plant and collection system. The plant provides tertiary treatment of domestic, commercial, and industrial wastewater collected from its service area and discharges to the non-tidal portion of the Napa River when flows exceed the capacity of the recycled water distribution and storage system. During wet weather, when the plant's filters reach treatment capacity, the City also discharges secondary treated wastewater to the Napa River from a separate outfall. The plant's average dry weather design capacity is 0.84 million gallons per day (MGD), and its peak wet weather capacity is 4.0 MGD.

The Revised Tentative Order would continue to allow the City to discharge tertiary and secondary treated wastewater to the non-tidal portion of the Napa River. Previously, the Water Board issued Cease and Desist Orders requiring upgrades to address unauthorized discharges during wet weather, antimony effluent limit violations, and trihalomethane effluent limit violations. The City changed its main disinfectant for its tertiary treated wastewater from free chlorine to chloramines to prevent trihalomethane exceedances, constructed a new irrigation storage pond to eliminate unauthorized discharges during wet weather, and installed flow meters for numerous geothermal water users to prevent antimony exceedances. The City has two outstanding items: lining and relocating the Riverside Ponds and installing a flow meter for a remaining geothermal water user. The City expects to complete both of these projects by September 1, 2024.

We received comments (Attachment B) from the City on a tentative order circulated for public review. The City requested several minor changes throughout the tentative order to better describe its treatment process and discharge mixing zones, and to correct typographical and reference errors. We prepared a response to the comments (Appendix C) that explains revisions made to the Revised Tentative Order.

We expect this item to remain uncontested.

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 contact Kerry O'Connor via email to Kerry.OConnor@waterboards.ca.gov or at (510) 622-2465.

Appendix C

Response to Comments