

**16 FEBRUARY 2024 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 15

SUBJECT:

The following is a proposed permit for consideration of adoption. All agencies and dischargers concur or have offered no comments.

BOARD ACTION:

Consideration of NPDES Permit Renewal

BACKGROUND:

CITY OF DUNSMUIR, DUNSMUIR WASTEWATER TREATMENT PLANT, SHASTA AND SISKIYOU COUNTIES

The Discharger owns and operates a wastewater treatment plant in the community of Dunsmuir, located in Shasta and Siskiyou Counties. The discharge is currently regulated pursuant to Waste Discharge Requirements Order R5-2018-0087. This is a minor NPDES discharge.

The treatment system consists of an aerated grit chamber, a selector, a Dimminutor, an oxidation ditch, a secondary clarifier, traveling bridge filters, chlorine gas chlorination, and sulfur dioxide gas dechlorination systems. The design capacity of the Facility is an average dry weather flow of 0.30 million gallons per day (MGD) and a peak wet weather flow of 2.0 MGD. In 2022, the Facility operated at an average dry weather flow of 0.28 MGD and a peak wet weather flow of 0.60 MGD.

Advanced-secondary treated effluent is discharged to the Sacramento River through a multiport diffuser. The tentative Order restricts effluent discharge to surface water (the Sacramento River) to occur only between 16 September and 14 June. During the summer months, all treated wastewater is discharged to the Facility's five percolation ponds. Effluent discharged to the percolation ponds is subject to secondary treatment standards and receives the same level of treatment, including filtration, as effluent being discharged to surface water, with the exception of dechlorination.

The tentative Order would renew the Discharger's NPDES permit. The proposed NPDES Permit contains effluent limitations for BOD, TSS, pH, chlorine, total coliform, disinfection byproducts, ammonia, nitrate plus nitrite, acute toxicity, chronic toxicity, copper, and zinc. The proposed NPDES Permit includes acute and chronic toxicity limitations based on the State Policy for Water Quality Control: Toxicity Provisions (Statewide Toxicity Provisions). Chronic whole effluent toxicity is a new effluent limitation. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

The tentative Order was issued for a 30-day public comment period on 2 November 2023 with comments due by 4 December 2023. No comments were received during the 30-day public comment period.

RECOMMENDATION:

Adopt the NPDES Permit.

REVIEWS:

Management Review:	
Legal Review:	

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board Meeting
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

AND VIA VIDEO AND TELECONFERENCE