

ITEM: 21

SUBJECT: Uncontested NPDES Permits

REPORT: Following are proposed permits. All agencies and the dischargers concur, or have offered no comments. Consideration of NPDES Permits

CALAVERAS COUNTY WATER DISTRICT, COPPER COVE WASTEWATER TREATMENT PLANT, CALAVERAS COUNTY

a *Consideration of Order Amending Waste Discharge Requirements Order R5-2013-0072 (NPDES Permit No. CA0084620) and Rescission of Time Schedule Order R5-2012-0055*

The Calaveras County Water District (Discharger) is the owner and operator of the Copper Cove Wastewater Reclamation Facility (Facility), a publicly-owned treatment works located at 5130 Kiva Place, Copper Cove, California. The Facility provides sewerage services for portions of the Copper Cove community in Calaveras County and serves a population of approximately 4200. The Facility is designed to provide tertiary treatment for up to 0.95 million gallons per day (MGD). Waste Discharge Requirements (WDR) Order R5-2013-0072 authorizes the discharge of up to 0.95 MGD of tertiary treated wastewater to be reclaimed on the Saddle Creek Golf Course for irrigation and to supply water to jurisdictional wetlands, a water of the United States. The Saddle Creek Golf Course L.P. owns and operates the golf course and is required to maintain water levels in the jurisdictional wetland system per a U.S. Army Corps of Engineers Clean Water Act Section 404 permit. The United States Environmental Protection Agency and the Central Valley Water Board have classified this discharge a minor discharge.

The proposed order will rescind Time Schedule Order R5-2012-0055 and amend WDR Order R5-2013-0072 to 1) change the point of compliance for the effluent limitations for ammonia and nitrate plus nitrite, 2) remove effluent limitations for total residual chlorine and dichlorobromomethane, 3) remove monthly effluent monitoring requirements for total residual chlorine, chloroform, and dichlorobromomethane, and 4) recalculate and establish average weekly and average monthly effluent limits for aluminum and manganese.

A Notice of Public Hearing was sent to the discharger and interested parties on 31 May 2016 for a 30-day public comment period. Public comments on the tentative amendment were received on 30 June 2016 from the Discharger. All of the Discharger's comments were editorial in nature and the necessary updates have been made to the proposed amending Order. There are no outstanding issues.

b **SHASTA COUNTY SERVICE AREA NO. 17, COTTONWOOD WASTEWATER TREATMENT PLANT, SHASTA COUNTY**

Shasta County CSA No. 17 (Discharger) owns and operates the Cottonwood Wastewater Treatment Plant (Facility). The Facility is located in Cottonwood, Shasta County and provides secondary level biological treatment including biological nitrification, sedimentation, tertiary filtration, disinfection, and dechlorination of wastewater. Treatment consists of a headworks (i.e., a bar screen, auger monster, Parshall flume and ultrasonic level sensor for influent flow measurement); two oxidation ditches with brush aerators ran in parallel; two secondary clarifiers with skimmers ran in parallel; one traveling-bridge sand filter; a chlorine contact chamber using chlorine gas for disinfection; dechlorination by sulfur dioxide addition; and a single, multiport high-density polyethylene pipe outfall diffuser for discharging to Cottonwood Creek, a water of the U.S. and a tributary to the Sacramento River. Sludge is stabilized in two aerated sludge storage basins and solar dried in four sludge drying beds before being hauled off to a landfill.

The proposed order would renew the Discharger's NPDES permit and includes water quality-based effluent limitations for copper, zinc, chlorodibromomethane, dichlorobromomethane, ammonia, and nitrate plus nitrite. The numeric toxicity monitoring trigger for chronic toxicity was increased from 1

TUc to 4 TUc. The Discharger plans to make some major upgrades to the WWTP during the term of the proposed order including: construction of a new filtration system, headworks improvements, addition of a denitrification system, improved in-process monitoring, oxidation ditch modifications and new basin aerators, and disinfection system updates including expansion of the chlorine contact basin. The Discharger is expected to be able to immediately comply with the renewed NPDES permit.

A Notice of Public Hearing was sent to the Discharger and interested parties on 17 June 2016 for a 30-day comment period. No public comments on the proposed permit were received.

c SAN ANDREAS SANITARY DISTRICT, WASTEWATER TREATMENT PLANT, CALAVERAS COUNTY
Consideration of Order Amending Waste Discharge Requirements Order R5-2014-0104 (NPDES Permit No. CA0079464) and Amending Time Schedule Order R5-2014-0900

San Andreas Sanitary District (Discharger) is the owner and operator of the San Andreas Sanitary District Wastewater Treatment Plant (Facility), a Publicly Owned Treatment Works located at 675 Gold Oak Road, San Andreas, CA. The Facility provides sewerage service for the community of San Andreas and surrounding communities, serving a population of approximately 2200, with no industrial users. The Facility is designed to provide equivalent tertiary treatment for up to 1.9 million gallons per day (MGD). Discharges from the Facility are authorized under Waste Discharge Requirements (WDR) Order R5-2014-0104, which permits the discharge of up to 1.8 MGD to the Dedicated Land Disposal Area (DLDA), as well as 1.5 MGD to surface waters. Treated wastewater from the Facility is discharged to the North Fork Calaveras River, a water of the United States, when 20:1 dilution is available and within the time period of 1 November and 30 April each year. The United States Environmental Protection Agency and the Central Valley Water Board have classified this discharge a minor discharge.

The proposed order will 1) amend WDR Order R5-2014-0104 (NPDES No. CA0079464) to reduce the number of monitoring events for the Effluent and Receiving Water Characterization Study (as required in Attachment E Section IX.D.1) from four samples to two samples and update language in the Storage Pond and DLDA Operation Specifications (Limitations and Discharge Requirements Section 4.a.xvi), and 2) amend Time Schedule Order (TSO) R5-2014-0900 to remove the compliance schedules for copper and zinc.

A Notice of Public Hearing was sent to the Discharger and interested parties on 31 May 2016 for a 30-day public comment period. Public comments on the tentative amendment were received on 8 June 2016 from the Discharger. The Discharger is not contesting the proposed amendments. The Discharger's comments are as follows:

Comment 1. The Discharger commented that they are in agreement with the proposed amendments.

Comment 2. The Discharger requested that the Storage Pond and DLDA Operating Specifications (Limitations and Discharge Requirements Section VI.C.4.a.xvi of the NPDES Permit) to read "Discharge to the DLDA shall not be performed during rainfall or when the ground is saturated." Central Valley Water Board staff concurs with the request and the proposed amending Order has been modified accordingly.

Comment 3. The Discharger requested that the TSO be amended to allow for the mixing zone study to include an analysis for cyanide. Central Valley Water Board staff does not concur with this request. These changes are unnecessary, because the TSO already allows the Discharger to submit a mixing zone study as a project alternative for compliance with the final effluent limits for cyanide.