

ITEM: 28

SUBJECT: Uncontested NPDES Permits

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

a	<p><b>City of Jackson, Wastewater Treatment Plant, Amador County</b></p> <p>The City of Jackson (Discharger) owns and operates a Wastewater Treatment Plant (Facility). WDR Order R5-2013-0146 permits the Facility to discharge up to 0.71 million gallons per day of tertiary treated wastewater to Jackson Creek.</p> <p>WDR Order R5-2013-0146 includes final effluent limitations, in part, for copper, and zinc. The Discharger identified zinc in the water supply as a major contributor to zinc in the effluent discharge, and in response, the water purveyor discontinued the use of zinc orthophosphate as a corrosion inhibitor within their system. In addition, the Discharger completed Facility upgrades to improve the biological treatment process including addition of filter cells, improvements to coagulation/flocculation, and alkalinity adjustment/pH control system. Subsequently, metal concentrations in the effluent were reduced, and the hardness of the effluent was increased rendering the metals less toxic. The Discharger also completed a 26 September 2014 <i>Copper Water-Effect Ratio (WER) Study</i> that demonstrated a site-specific WER of 5 is appropriate and protective of the beneficial uses of the receiving water. Central Valley Water Board staff recalculated the zinc and copper criteria in accordance with the State Implementation Policy procedures for hardness-dependent metals criteria, and the Facility's recent monitoring results indicated that the effluent discharge no longer demonstrates reasonable potential to cause exceedances of the copper and zinc criteria within the receiving waters. Therefore, the proposed Amending Order removes the final effluent limitations for copper and zinc from WDR Order R5-2013-0146.</p>
b	<p><b>Bear Valley Community Services District and Bear Valley Springs Association, Wastewater Treatment Facility, Kern County</b></p> <p>Bear Valley Community Services District is the owner and operator of the Bear Valley Community Services District Wastewater Treatment Facility (Facility), which is a Publicly-Owned Treatment Works that serves the community of Bear Valley Springs. The Facility currently operates pursuant to Order R5-2008-0121, which serves as both Waste Discharge Requirements (WDRs) and an NPDES permit. Disinfected tertiary-treated domestic wastewater is either discharged to the Bear Valley Oak Tree Country Club golf course and the landscape surrounding the Facility or Sycamore Creek, a water of the United States. Bear Valley Community Services District owns the Bear Valley Oak Tree Country Club golf course, but leases the golf course to Bear Valley Springs Association. Bear Valley Springs Association maintains the golf course and is responsible for the application of recycled water on the golf course. Together Bear Valley Community Services District and Bear Valley Springs Association are referred to as the Discharger.</p> <p>The proposed WDRs/NPDES permit removes effluent limitations for copper and settleable solids because there is no longer any reasonable potential to exceed water</p>

quality objectives. The permit includes new effluent limitations for ammonia, boron, and chloride.

The Central Valley Clean Water Association (CVCWA) submitted comments on the proposed WDRs/NPDES permit on 19 December 2014. CVCWA commented on various recycled water specifications included in the proposed permit. In response to CVCWA's comments, Central Valley Water Board staff modified a few recycled water specifications in the proposed permit, as detailed in staff's responses to comments.

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt. Review \_\_\_\_\_

Legal Review \_\_\_\_\_

5/6 February 2015

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200