

ITEM: 14

SUBJECT: Uncontested NPDES Permits

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

a	<p><b>THE CITY OF CHICO (DISCHARGER)</b> owns and operates the Chico Water Pollution Control Plant, a publically owned and operated treatment works in Chico, Butte County. The treatment systems consists of preliminary influent bar screening; grit removal, primary sedimentation; biological treatment by activated sludge, including nitrification; secondary sedimentation; disinfection; and dechlorination. Sludge is anaerobically digested, mechanically dewatered using a centrifuge, and temporarily stored on-site in sludge drying beds during the wet weather season. Temporarily stored sludge is solar dried during the subsequent dry weather season and hauled to a landfill before the following wet weather season. The facility discharges up to a maximum of 12 million gallons per day (average dry weather flow) of treated wastewater through a multiport diffuser outfall to the Sacramento River, a water of the United States. The facility discharges an average monthly flow of up to 2.5 million gallons per day of treated or partially treated wastewater to existing evaporation/percolation ponds.</p> <p>A reasonable potential analysis was conducted for priority and non-priority pollutants, and water quality-based effluent limitations calculated for those pollutants having reasonable potential. Specifically, effluent limits are included for ammonia, chlorodibromomethane, copper, dichlorobromomethane, and nitrate plus nitrite. These effluent limits were calculated with dilution credits determined available at the Discharger's Sacramento River outfall. The Discharger can immediately comply with the renewed, NPDES-based, permit requirements based on historical monitoring records. However, the Discharger cannot immediately comply with new land discharge specifications for BOD<sub>5</sub>, TSS, and Total Coliform Organisms established in the tentative Order for discharges to the evaporation/percolation ponds. Therefore, a compliance schedule has been included in the tentative Order.</p>
b	<p><b>SEWERAGE COMMISSION-OROVILLE REGION (SC-OR)</b> (hereinafter Discharger) is the owner and operator of the SC-OR Wastewater Treatment Plant (hereafter Facility). The Discharger provides sewerage service for the City of Oroville, Thermalito Water and Sewer District, and Lake Oroville Area Public Utility District as a regional treatment plant. The Facility's average dry weather flow design is 6.5 mgd. The treatment system consists of influent screening; grit removal; primary clarification; biological treatment by complete mix activated sludge with secondary clarification; chlorine disinfection; filtration; and dechlorination. Primary and secondary solids are aerobically digested, dried on site, and then disposed at a solid waste landfill. The Discharger manages an approved USEPA pretreatment program. Treated wastewater is discharged to the Feather River, a water of the United States, and tributary to the Sacramento River within Lower Feather River Hydrologic Area. The existing NPDES permit has water quality based effluent limitations for ammonia, chlorine residual, copper, electrical conductivity, silver, zinc, and chlorodibromomethane. Review of the last three years of effluent/receiving water data indicated that there is still reasonable potential to exceed water quality objectives for ammonia, copper, and electrical conductivity. Additionally, new dichlorobromomethane and nitrate plus nitrite effluent limitations will be included in the proposed order. The Discharger is able to immediately comply with the effluent limitations for ammonia, copper, dichlorobromomethane, electrical conductivity, and nitrate plus nitrite. A Notice of Public Hearing was sent to the Discharger</p>

	and interested parties on 29 January 2016 for a 30-day comment period. No public comments on the proposed permit were received.
c	<p><b>SIERRA PACIFIC INDUSTRIES, INC., SHASTA LAKE DIVISION SAWMILL, SHASTA COUNTY</b> Sierra Pacific Industries, Inc., Shasta Lake Division (Discharger) owns and operates a sawmill facility in the City of Shasta Lake, Shasta County. The facility consists of a paved log yard, sawmill, sorter/stacker, planer, various storage sheds, drying kilns, boiler, bone yard, maintenance shop, and an office. During the summer months, the Discharger utilizes potable water and reclaimed wastewater from the City of Shasta Lake Wastewater Treatment Facility for log sprinkling. The excess log yard runoff enters return ditches and a recycle pond. While sprinkling, the log yard is operated as a closed loop system. During precipitation periods, the log sprinkling is stopped and log yard runoff is directed into a 25-acre retention pond. When the retention pond reaches maximum storage capacity, pond water is discharged to an the unnamed tributary of Churn Creek, a water of the United States and a tributary to the Sacramento River via Churn Creek. The surface water discharge does not occur in all years.</p> <p>The Discharger is expected to be able to immediately comply with the renewed NPDES permit.</p>
d	<p><b>STERLING CAVIAR LLC</b> owns and operates the aquaculture facility, Sterling Caviar LLC, Elverta (Facility), which is defined under the NPDES program as a concentrated aquatic animal production (CAAP) facility. Treated wastewater is discharged to the Betts-Kismat-Silva (BKS) Preserve wetlands, operated by the Natomas Basin Conservancy within Reclamation District 1000. This area of Reclamation District 1000 is tributary to the Sacramento River, a water of the United States, via the Natomas Cross Canal and Natomas East Main Drainage Canal. Discharges from the Facility are currently regulated by Waste Discharge Requirements Order R5-2007-0012 issued by the Central Valley Regional Water Quality Control Board on 15 March 2007.</p> <p>The proposed permit does not include new or revised effluent limitations. The effluent limitations for chloride, formaldehyde, and nitrate have been removed because the discharge does not demonstrate reasonable potential to cause or contribute to instream exceedances of the applicable water quality objectives for these constituents.</p>

RECOMMENDATION: Adopt the proposed waste discharge requirements.  
Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_  
April 21, 2016  
Central Valley Regional Water Quality Control Board meeting  
1685 E. Street  
Fresno, CA 93706