

ITEM: 27

SUBJECT: Uncontested NPDES Permits

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

a	<p>CalMat Co., Walter A. and Elizabeth A. Baun, and Darrell B. and Janet Delevan, Sanger Sand and Gravel Plant, Fresno County</p> <p>The CalMat Co. is the operator of the Sanger Sand and Gravel Plant (Facility), a sand and gravel excavation processing facility with an asphalt batch plant. The CalMat Co. has a long-term lease agreement with Walter A. and Elizabeth A. Baun, and Darrell B. and Janet Delevan whom own most of the property at 17041 E Kings Canyon Road, Sanger, CA 93657. The CalMat Co. uses a mixture of recycled water and groundwater to wash aggregate at the Facility. No chemicals are added during washing. The process wastewater is discharged to an unlined settling pond and then to an unlined supply pond where it is either recycled or discharged through a porous levee to the Kings River, a water of the United States.</p> <p>WDRs Order R5 2007 0065 (NPDES No. CA0078174) currently regulates the discharge of processed wastewater to the Kings River. An Order is proposed to renew the NPDES permit. The proposed WDRs/NPDES permit includes final effluent limitations for flow, total suspended solids, pH, electrical conductivity, flow, and acute and chronic whole effluent toxicity.</p> <p>Buada Associates, on behalf of CalMat Co. dba Vulcan Materials Company West Region (CalMat), submitted a comment requesting the removal of the “Aluminum, Total Recoverable/Acid Soluble” effluent monitoring requirement from the tentative WDRs/NPDES permit. Based on CalMat’s comments, Central Valley Water Board staff proposes changes to the tentative WDRs/NPDES permit and believes the proposed changes satisfy CalMat’s concerns.</p>
b	<p>City of Brentwood, Wastewater Treatment Plant, Contra Costa County. The City of Brentwood (Discharger) is the owner and operator of the Brentwood Wastewater Treatment Plant (Facility), serving a population of approximately 52,000. The Facility is authorized to discharge 5 million gallons per day (MGD) of tertiary-treated municipal wastewater to Marsh Creek, a water of the United States, within the legal boundary of the Sacramento-San Joaquin Delta (Delta). Discharges from the Facility are regulated by Waste Discharge Requirements Order R5-2008-0006-01. The Discharger has a median household income of \$86,914 and the monthly wastewater user charge for a typical single family dwelling is \$41.90. The discharge is categorized as an United States Environmental Protection Agency major discharger.</p> <p>The proposed NPDES permit renewal includes new or revised effluent limits for bis (2-ethylhexyl) phthalate, chloride, dibromochloromethane, mercury, methylmercury, chlorpyrifos, and diazinon. The permit renewal also removes effluent limits for aluminum (total recoverable), iron (total recoverable), oil and grease, electrical conductivity, 4,4'-DDT, alpha endosulfan, gamma-BHC, and selenium, because these constituents no longer have reasonable potential to cause or contribute to an exceedance of the applicable water quality objectives. The proposed NPDES permit renewal also includes revised effluent and receiving water limitations for temperature based on a proposed</p>

	<p>resolution granting an exception to the temperature water quality objectives contained in the State Water Resources Control Board's <i>Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Water and Enclosed Bays and Estuaries of California</i> (Thermal Plan).</p>
c	<p>North Yuba Water District, Forbestown Water Treatment Plant, Butte County. The Discharger owns and operates a water treatment plant in Forbestown, Butte County. Raw water is siphoned for treatment directly from the Forbestown Ditch or pumped from the Facility's 30.9 acre-feet capacity raw water storage reservoir that is supplied by the Forbestown Ditch. The treatment system consists of prechlorination, coagulation, clarification, filtration, and post-chlorination of the finished water. The Facility's wastewater design flow is 0.070 (mgd). Filter backwash is discharged to one of two settling ponds. The supernatant from the settling ponds discharges into the raw water reservoir; the raw water reservoir has an overflow pipe which discharges a mixture of filter backwash and raw water to an unnamed tributary of New York Flat Creek, a water of the United States, and a tributary to Dry Creek and the Yuba River (Englebright Dam to Feather River).</p> <p>The Discharger has performed effluent and receiving water analysis for priority pollutants (and other pollutants) listed in the National Toxics Rule and California Toxics Rule (CTR) in accordance with the State Implementation Policy. Several constituents (settleable solids, total suspended solids, pH, total residual chlorine and total recoverable aluminum) were identified as constituents of concern and this Order contains effluent limitations for these constituents. A compliance schedule is proposed (within the permit) to meet the final aluminum effluent limitations.</p>

RECOMMENDATION: Adopt the proposed NPDES permits.
Mgmt. Review _____
Legal Review _____

25/26 July 2013

Central Valley Regional Water Quality Control Board meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670