

ITEM: 20

SUBJECT: Uncontested Waste Discharge Requirements

REPORT: Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

	<p>a. General Waste Discharge Requirements for Maintenance Dredging Operations, Sacramento-San Joaquin Delta</p> <p>This General Order addresses the need for regular maintenance dredging to provide channel capacity and marina operation, as well as the need for dredged sediment to be directly reused, where appropriate, as a resource to provide material for levee maintenance and other beneficial uses, in a manner which provides protection of water quality consistent with the mandate of the Central Valley Water Board.</p> <p>This General Order was developed in consultation with the Delta Long-Term Management Strategy (LTMS) working group, of which the Central Valley Regional Water Board is an active participant.</p>
	<p>b. FOSTER POULTRY FARMS, LIVINGSTON CHICKEN PROCESSING COMPLEX - WASTEWATER TREATMENT PLANT, MERCED COUNTY</p> <p>Foster Poultry Farms operates a chicken processing complex in the City of Livingston. Wastewater from the Complex is currently discharged to the City's Industrial Wastewater Treatment Facility, which provides wastewater collection and treatment exclusively for Foster Farms. The Central Valley Water Board issued a Cease and Desist Order to the City of Livingston for violations of its WDRs, and required the City to expand and upgrade its treatment system. Disagreements between the City and Foster Farms resulted in Foster Farms assuming responsibility for construction and operation of a new wastewater treatment plant to handle its wastewater.</p> <p>The new treatment plant will consist of a biological treatment system to reduce high nutrient concentrations in the wastewater and reduce total nitrogen to < 10 mg/L. Treated wastewater will be disposed of via percolation on 223 acres of Foster Farms' current Reclamation Area. The proposed Order includes an effluent limit for total nitrogen of 10 mg/L and a fixed dissolved solids limit of 550 mg/L. In addition, the proposed Order sets a performance based groundwater limit for EC of 1,200 µmhos/cm and requires Foster Farms to conduct a groundwater study to establish a background groundwater quality for the area.</p>

	<p>Per comments on the tentative Order, the MRP was modified to increase effluent sampling for nitrogen constituents to weekly.</p>
c.	<p>CITY OF BAKERSFIELD, WASTEWATER TREATMENT PLANT NO. 3, KERN COUNTY</p> <p>The City of Bakersfield owns and operates Wastewater Treatment Plant No. 3 (WWTP No. 3), an existing plant that serves the western portion of Bakersfield, west of Highway 99. The City is in the process of expanding WWTP No. 3 and the project is expected to be completed by April 2010.</p> <p>The most recent WDRs (Order No. 5-01-105) authorized the discharge to land of up to 16 mgd of undisinfected secondary-treated effluent, the majority being pumped to an approximately 1,400-acre site about eight miles west of WWTP No. 3, which is designated as the I-5 Reclamation Site.</p> <p>Upon completion of the expansion project, the treatment capacity will be 32 mgd. The City will continue to pump up to 16 mgd of effluent to the I-5 Reclamation Site, and the remaining effluent will be managed in on-site effluent storage ponds that comprise about 2,280 acre-feet of storage. Additionally, the City will construct a 2 mgd Tertiary Treatment facility to produce recycled water for use on nearby green belts and sports fields, and for onsite plant wash and makeup water.</p> <p>The proposed Order includes an effluent limit for total nitrogen of 10 mg/L and requires the City to conduct a salinity evaluation and submit a salinity minimization plan by October 2009.</p> <p>In response to comments on the tentative Order, a provision was added to relax the effluent limit for total nitrogen for recycled water, provided the City demonstrates that percolation/seepage from the storage ponds at the I-5 Reclamation Site will not contribute to nitrogen in groundwater exceeding groundwater limitations.</p>
d.	<p>NORTH OF RIVER SANITARY DISTRICT NO. 1, WASTEWATER TREATMENT PLANT, KERN COUNTY</p> <p>North of River Sanitary District owns and operates a wastewater treatment facility (WWTF) approximately three and a half miles west of the City of Shafter. The treated wastewater is disposed of on 1,740 acres of Reclamation Area owned by Sill Properties, Inc., and 640 acres of Reclamation Area owned by the District. When irrigation demand is low, effluent is sent to four storage ponds.</p> <p>The proposed Order includes an effluent limit for total nitrogen of 10 mg/L. In addition, the proposed Order requires the District to conduct a groundwater investigation to characterize groundwater.</p>

		<p>In response to comments on the tentative Order, an extended time line for the pretreatment program and nitrate limit has been added. The MRP was modified to reduce Reclamation Area monitoring to monthly and to incorporate pH pond monitoring.</p>
	e.	<p>COFFMAN SPECIALTIES, INC. AND TEICHERT CONSTRUCTION COMPANY BOREAL TEMPORARY BATCH PLANT AND CONCRETE /ASPHALT RECYCLING SITE NEVADA COUNTY</p> <p>The Discharger proposes to operate a temporary concrete batch plant and concrete and asphalt recycling site on Boreal Ridge Road, Nevada County. The plant will produce materials to complete the I-80 surface improvements from the Soda Springs overcrossing to the Donner Summit Safety Rest Area. The temporary facility will consist of a portable concrete batch plant, an aggregate materials delivery system, a materials storage area, and a concrete washout and wastewater recycling area situated on approximately 1.5 acres of the 8 acre Boreal Ski Resort asphalt parking lot. The concrete batch plant will produce concrete from May through October of each year. The temporary concrete batch plant will produce approximately 1,800 cubic yards of Portland cement per day with peak production at about 2,800 cubic yards per shift. Approximately 6,500 gallons of concrete wastewater will be generated on a daily basis. Approximately 3,000 gallons per day of this water will be used as concrete truck and equipment wash water with the remainder of the water used as formulation water in the concrete. No equipment shall be stored or material stockpiled at the site during the winter months. The waiver expires on 1 November 2012.</p>

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

13 August 2009

Central Valley Regional Water Quality Control Board meeting

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