

ITEM: 15

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.

a. **CITY OF LATHROP AND CALIFIA, LLC, WASTEWATER TREATMENT FACILITY, Lathrop, San Joaquin County**

The City of Lathrop has constructed a wastewater facility that it will own and operate for a new planned community that consists of residential and commercial developments. Califia LLC owns portions of the land application areas on River Island. Treated wastewater will be treated to tertiary disinfected, Title 22 standards. In Phase I the facility is permitted to treat 187,600 gallons per day (gpd); with development of additional land application areas and storage ponds in Phase II, the flow rate limit can be increased by the Executive Officer to 750,000 gpd. Wastewater will be applied at agronomic rates to land application areas. Initially 44.3 acres of land application area is available; in Phase II an additional 294 acres is available. Surface water drainage is to the San Joaquin River. (TRO)

b. **GEORGE REED INC., CALAVERAS TRANSIT MIX, Calaveras County**

George Reed Inc. will own and operate the new Calaveras Transit Mix concrete batch plant, which was recently constructed in San Andreas. Wastewater and residual solids generated during the production of Portland cement concrete and the washing of trucks will be recycled back into concrete batch plant product. Process wastewater will be temporarily stored in a series of concrete sumps and above ground storage tanks prior to reuse as concrete make up water. Residual solids removed from the concrete sumps will be dewatered, dried, and stored on a 3,300 square foot concrete slab adjacent to the concrete sumps. The concrete slab is designed to drain any excess liquids back into the concrete sumps. The Discharger proposes to retrofit the existing concrete sumps with a water-proof sealant to prevent process water from leaking through cracks and void spaces within the concrete. This work must be completed prior to authorization to begin discharge at the facility. Staff have prepared General Waste Discharge Requirements (WDRs) for those discharges of designated waste that are exempt from Title 27 under Section 20090 (i). This tentative Order is currently undergoing public review. This Waiver Resolution contains the same requirements as the tentative General WDRs, and is intended to allow

this particular Discharger to begin operation prior to adoption of the General WDRs. Upon signature of a Notice of Applicability by the Executive Officer for coverage under General WDRs, the waiver will be rescinded. (JSK)

c. **R&L BROSAMER, INC./GRANITE CONSTRUCTION COMPANY (JOINT VENTURE), GOLD RUN TEMPORARY BATCH PLANT AND RECYCLING SITES, Placer County**

The Discharger proposes to operate a temporary concrete batch plant on Hi Sierra Road in Gold Run, Placer County. The plant will produce materials to complete the I-80 surface improvements from the Alta over crossing to the Nyack over crossing. Waste generated from the production of Portland cement concrete, and the cleaning of trucks used to transport the concrete, will be collected in a concrete washout facility. This facility will consist of a solids disposal area, a washout pad with a 12-inch high curb, a sump area with weirs designed to settle out the solids, a leachate collection and recovery sump, and two 20,000 gallon steel storage tanks. The wastewater will be recycled through the system and used as concrete truck washout water and for concrete batching water. The solid material collected in the sump will be temporarily placed in the solid concrete disposal area and hauled in a dry state to the on-site concrete recycler. The project is scheduled to last no more than two construction seasons. The waiver expires on 1 November 2006. (GJC)

d. **CITY OF PORTOLA, CORRECTIVE ACTION AND CLOSURE OF PORTOLA CLASS III MUNICIPAL SOLID WASTE LANDFILL, Plumas County**

The City of Portola owns a Class III municipal solid waste landfill in Portola, Plumas County. The site consists of one unlined waste management unit, a scrap metal storage area, a public household hazardous waste collection facility, and a green waste storage area. Landfill operations have impacted groundwater beneath and directly downgradient of the site. Elevated levels of alkalinity, chloride, sulfate, and total dissolved solids have been detected in landfill monitoring wells. Additionally, downgradient wells have been impacted with volatile organic compounds (VOCs), including Benzene, Chlorobenzene, Chloroethane, 4-Chlorotoluene, Chloromethane, 1,4-Dichlorobenzene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Dichlorofluoromethane, Methyl-tert-Butyl Ether (MtBE), and Methylene Chloride. Two nearby private domestic waters supply wells located in a rural residential neighborhood approximately 1,500 feet southwest of the landfill have also been impacted with MtBE and Chloroform, respectively. The Discharger has proposed closing the landfill with installation of a final cover system over the wastes as the preferred remedial alternative for the site. Waste

Discharge Requirements for the landfill are being updated to require implementation of a corrective action and evaluation monitoring program, allow site closure, and to incorporate applicable provisions of Title 27, California Code of Regulations.

e. **CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS FOR CITY OF CHICO PARK DEPARTMENT FOR CONSTRUCTION AND CLOSURE OF HORSESHOE LAKE PARKING AREA E, Butte County**

The City of Chico Park Department (City) owns and operates Bidwell Park for recreational activities. A former shooting range and police pistol range are located adjacent to the Horseshoe Lake area within Upper Bidwell Park. As a result of the past activities at the shooting and police pistol range sites, lead has contaminated soil in the park. In accordance with HSC Division 20 Chapter 6.8, the City entered into a Voluntary Cleanup Agreement with the Department of Toxic Substances Control (DTSC) to remediate soils impacted by lead from lead shot and polynuclear aromatic hydrocarbons (PAHs) from clay pigeons. To comply with the agreement, the City submitted a Revised Removal Action Work Plan proposing to transport waste containing PAHs to an approved Class II disposal facility and consolidate lead contaminated waste on-site in a new waste management unit (Unit) beneath Horseshoe Lake Parking Area E.

Although the lead contaminated waste appears to exhibit the characteristics of hazardous waste and/or designated waste, it is being disposed in a dedicated, site-specific, Class III Unit specifically designed and constructed to meet the performance standards of Title 27 and to protect the beneficial uses of groundwater and surface water. Pursuant to HSC Chapter 6.8, DTSC is responsible for enforcing and overseeing Construction, Operation and Maintenance, and the recording of a Deed Restriction for the Unit. A waiver of Waste Discharge Requirements is proposed to avoid duplication. The proposed waiver requires the City to continue to participate in the DTSC Voluntary Cleanup Agreement; construct the Unit to prevent migration of wastes to adjacent geologic material, groundwater, or surface water; and comply with a Monitoring and Reporting Program. Unless renewed, the proposed waiver will terminate in 5 years. (KEB)

f. **STEPHEN J. SCHUSTER AND SIERRA MOON HOMEOWNERS' ASSOCIATION, WASTEWATER TREATMENT AND DISPOSAL FACILITY, Butte County**

Stephen J. Schuster and Sierra Moon Homeowners' Association plan to construct and operate a wastewater treatment plant for the Sierra Moon Subdivision. The plant will treat and dispose of approximately 50,000 gallons per day of domestic wastewater from 120 homes. Primary treated wastewater from individual septic tanks will be collected and

piped to a centralized wastewater treatment plant and subsequently discharged to subsurface emitter lines. Prior to discharge, wastewater will be treated to secondary levels, filtered, and disinfected. Surface water drainage is to Mud Creek. Mud Creek is tributary to Big Chico Creek near its confluence with the Sacramento River. (RB)

RECOMMENDATION: Adopt the proposed waste discharge requirements.

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

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

Regular Board Meeting  
Central Valley Regional Water Quality Control Board  
11020 Sun Center Drive, #200  
Rancho Cordova, CA 95670

17/18 March 2005