

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.	<p>CALIFORNIA DEPARTMENT OF TRANSPORTATION, STATE ROUTE 50 POST MILE 5.3 TO 12.8 AND STATE ROUTE 51 POST MILE 6.0 TO 8.3, Sacramento County</p> <p>The California Department of Transportation (Caltrans) proposes to discharge lead-contaminated soil at two highway construction projects on Highway 50 and Highway 51 (also known as Business 80) that is generated from excavation of soil at the project sites. The California Department of Toxic Substances Control issued a variance for these types of Caltrans projects on 1 July 2009. The waivers in the variance are for lead-contaminated soil that is not a RCRA hazardous waste, and is hazardous primarily because of aeriially-deposited lead associated with exhaust emissions. The variance requires that the soil be covered with at least one foot of non-hazardous soil or be placed below a pavement structure, depending on total and extractable concentrations. The proposed conditional waiver also contains these requirements. The waiver also requires that Caltrans maintain that portion right-of-way to minimize exposure of the lead-contaminated soils to waters of the State by erosion, percolation, or other means, and that they submit a report to the Central Valley Water Board documenting the volume of lead-contaminated soil, location, and type of burial following the completion of each project. (WLB)</p>
	b.	<p>CEMEX, KERLINGER PLANT, UNCLASSIFIED LANDFILL AND RECYCLING OPERATIONS, San Joaquin County</p> <p>Cemex (hereafter Discharger) owns and operates an unclassified landfill at the Kerlinger Plant, a sand and gravel facility in San Joaquin County between Tracy Boulevard and Mac Arthur Drive south of Tracy. The landfill began operating in 1989 for the discharge of broken and returned concrete, clean soil, asphaltic concrete, and comeback concrete slurry to an onsite sand and gravel pit. The capacity of the landfill is approximately 336,000 cubic yards. Waste Discharge Requirements Order No. 89-131 are being updated to reflect current operations at the landfill that include recycling of the material in the landfill for use in recycled concrete mixes, and to approve closure requirements for the landfill. Closure will not occur until the landfill reaches final grade and recycling operations are discontinued. There are three groundwater monitoring wells around the landfill and current monitoring data do not indicate impacts. Groundwater monitoring will continue to be required on a semi-annual</p>

		schedule. (WLB)
	c.	<p>COUNTY OF KERN, WASTE DISCHARGE REQUIREMENTS FOR CLOSURE AND POST-CLOSURE MAINTENANCE, ARVIN SANITARY LANDFILL, Kern County</p> <p>The County of Kern owns and maintains the Arvin Sanitary Landfill about five miles west of the City of Arvin. The facility is currently regulated by Waste Discharge Requirements Order 5-00-023. The 170-acre facility contains one 127-acre waste management unit that accepted municipal solid waste until 30 June 2003. This order revises the existing Waste Discharge Requirements to provide for the construction of a final cover, regulate post-closure maintenance of the facility, and regulate corrective action for groundwater degradation.</p> <p>An abandoned non-hazardous oil field waste processing facility, formerly operated by VenVirotek, is on a five-acre parcel within the southwest corner of the waste management facility property. An estimated 100,000 cubic yards of processed waste (VenVirotek material) remain. The County of Kern intends to move the VenVirotek material to the Arvin Landfill and place it above the existing interim soil cover and beneath the final cover. Placement of the VenVirotek material will be performed in accordance with a Removal Action Workplan approved by the Department of Toxic Substances Control.(REH)</p>
	d.	<p>CITY OF ORLAND, CLASS II SURFACE IMPOUNDMENTS AND DOMESTIC WASTEWATER TREATMENT FACILITY, GLENN COUNTY</p> <p>The City of Orland (hereafter Discharger) is the owner and operator of the City of Orland Class II Surface Impoundments and Domestic Wastewater Treatment Facility that accepts two waste streams. One waste stream consists of domestic wastewater from the City of Orland and the second waste stream consists of industrial waste from two olive processors and a nut processor. Domestic wastewater is exempt from the requirements of Title 27, California Code of Regulations (Title 27); however, the industrial waste stream is subject to the requirements of Title 27.</p> <p>The average domestic wastewater flow to the stabilization ponds is 1.0 million gallons per day. Approximately 1.5 million gallons of wastewater from the stabilization ponds are transferred to the irrigation field 1 to 2 times per week. The industrial waste facility consists of two lined evaporation ponds covering 5.3 acres, and receives an average of 2.5 million gallons per year. The industrial wastewater ponds are designed in accordance with Title 27, California Code of Regulations Class II standards.</p>

		<p>The current ground water monitoring network consists of 12 monitoring wells, and at least 5 private domestic and/or irrigation wells. The current groundwater monitoring network does not adequately evaluate the extent of pollution, and does not include a detection monitoring network for the wastewater stabilization ponds and irrigation fields. The Discharger is required to install a new upgradient monitoring well, and submit a work plan to amend the current groundwater monitoring network.</p> <p>There were no public comments on the proposed Order.</p>
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RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

29 July 2010

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670