

ITEM: 22

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>U.S.Department of Energy Lawrence Livermore Laboratory Experimental Test Site 300, Alameda and San Joaquin Counties, Order No. R5-2008-0148. Waste Discharge Requirements No. R5-2008-0148</p> <p>The discharge of domestic and mechanical equipment wastewater to sewage evaporation and percolation ponds (collectively referred to as sewage ponds); the discharge of mechanical equipment wastewater to percolation pits; and discharges to Class II surface impoundments that were used for disposal of explosives processing wastewater and photographic rinse water will be regulated by this Order.</p> <p>All of the discharges regulated under Waste Discharge Requirements Order No. R5-2008-0148 are existing discharges that have been regulated in the past under other orders or waivers of Waste Discharge Requirements. The issuance of this Order only modifies the Standard Provisions and provides the Central Valley Water Board with a better tool to control the discharges and evaluate potential impacts to water quality.</p>
	b.	<p>Campbell Soup Supply Company owns and operates a tomato processing facility approximately 2 miles northwest of Dixon in Solano County. The Discharger submitted its Report of Waste Discharge (RWD) in May 2008, supplemental material in December 2008, and an amended RWD in June 2009. The Discharger proposes to incorporate the processing of other seasonal vegetables, which will be shipped as bulk ingredients to other Campbell Soup facilities. The proposed revision is necessary to reflect the facility's current and proposed processing operations and wastewater land application operations, which includes an increase in land discharge area. The necessary California Environmental Quality Act (CEQA) documents were completed and filed for the proposed expansion.</p> <p>The proposed Order does not increase the total annual discharge flow from the previous Waste Discharge Requirements (WDRs) and requires the discharger to reduce the salinity loading to the land application area. An updated Antidegradation Analysis is required to substantiate the Discharger's assertions that the land application of wastewater does not pose a threat to groundwater quality.</p>

	<p>The proposed Order sets the monthly average discharge flow limit within the design capacity proposed by the most recent water balance at 5.0 million gallons per day (MGD) and a total annual discharge flow limit of 490 MGD. The proposed Order additionally sets a time schedule for the Discharger to meet an electrical conductivity (EC) effluent limit. This Order requires the discharger to complete a Salinity Reduction Workplan to reduce the salinity load to groundwater.</p> <p>The facility improvements proposed by the Discharger include rehabilitating the domestic wastewater treatment system. The current system discharges domestic wastewater directly to a pond system. Improvements include decommissioning the domestic wastewater ponds and installing a septic tank and subsurface leachfield. The revised WDRs set a time schedule for the Discharger to: (1) complete the facility improvements and (2) seek a local Solano County discharge permit for domestic wastewater disposal.</p>
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RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

18 March 2010

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670