

ITEM: 26

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. <b>Alexander J. Mistal and Virginia C. Mistal (Dischargers) formerly owned and operated Bechelli Cleaners, and Bechelli Cleaners, Inc.,</b> a dry-cleaning facility at 2752 Bechelli Lane, Redding, Shasta County. Due to Perchloroethene (PCE) and related daughter compounds in groundwater, on 24 August 2004 Central Valley Regional Water Quality Control Board staff issued the Dischargers a Notice of Responsibility for investigation and cleanup of the waste discharge. Staff estimates that most waste discharge occurred several decades ago.</p> <p>Among other voluntary actions, the Dischargers proposed to inject soybean oil into shallow groundwater as an in situ treatment. On 9 December 2008, the Discharger applied for Waste Discharge Requirements under General Order No R5-2008-1419. Because, the proposed treatment can increase pollutant mobility in groundwater and volatility in soil gas beneath private residences, and a down-gradient private domestic well has chronic trace PCE, staff elected to issue a site-specific permit in lieu of the General Order.</p> <p>Because the proposed injection is within a limited aquifer volume, on 12 August 2009 staff issued the Dischargers Tentative site-specific Waste Discharge Requirements, and allowed near-source soybean oil injection.</p>
	<p>b. <b>TULARE COUNTY, FOR CLOSURE AND POSTCLOSURE MAINTENANCE, OROSI SOLID WASTE LANDFILL, Tulare County</b></p> <p>Tulare County owns an inactive 40-acre, Class III waste management facility (facility) which contains one unlined waste management unit (Unit) covering approximately nine acres. The facility is about one mile north of Oroshi at the intersection of State Highway 63 (Road 128) and Avenue 428. Surface drainage is toward the St. Johns River and Cross Creek in the Alta Hydrologic Area (551.60) of the Tulare Lake Basin.</p> <p>The Unit received nonhazardous solid wastes and inert solid wastes from the mid-1940s until 1973. From 1973 until 1987, only inert solid wastes were discharged to the Unit. The Unit ceased discharge of inert solid waste in 1987. The proposed closure date is 9 October 2010. The facility is currently regulated by Waste Discharge</p>

		Requirements Order 5-01-097. The Waste Discharge Requirements are being revised for the closure, using an engineered alternative final cover system, and postclosure maintenance of the Unit. (VSM)
	c.	<p><b>CITY OF LOYALTON AND GRANDI RANCH, WASTEWATER TREATMENT FACILITY, Sierra County</b></p> <p>The City of Loyalton operates a wastewater treatment facility (WWTF) that treats wastewater from the City of Loyalton. Wastewater is treated in four mechanically aerated treatment ponds, a settling pond, and disposal in nine rapid infiltration basins. Treated wastewater could also be applied to the Bar One Ranch under authority of a Water Recycling Requirement (WRR). The WRR will be rescinded with adoption of this Order. The collection system is subject to significant infiltration and inflow. In response to Cease and Desist Order No. R5-2005-0089, the City has designed significant improvements. Much of the work will be financed through grants and low interest loans secured through the USDA Rural Development program. Improvements include: a new 80 acre land application area on Grandi Ranch, new influent pumps with increased capacity, construction of a lined 120 ac.ft storage pond, replacement of collection system trunk line, replacement of manholes, construction of a new pipeline crossing under Smithneck Creek, and construction of a new disinfection system. Additional improvements will be constructed if funding allows. The facility presently treats approximately 118,000 gallons per day (gpd). The Order includes a dry weather flow rate, monthly maximum flow rate, and annual total flow limit. Monthly sewer service rates recently increased from \$50/month to \$75/month, and the corresponding residential connection fee is \$1,650 per equivalent dwelling unit. Surface water drainage is to Smithneck Creek and then the Middle Fork Feather River. (TRO)</p>
	d.	<p><b>MAXWELL PUBLIC UTILITIES DISTRICT, MAXWELL WASTEWATER TREATMENT FACILITY, Colusa County</b></p> <p>Maxwell Public Utilities District operates a wastewater treatment facility (WWTF) in the town of Maxwell, a small community located in Colusa County. The WWTF is currently regulated by WDRs Order No. R5-2009-0009 (NPDES No. CA0079987). The treatment plant currently provides secondary treatment and chlorine disinfection, and treated effluent is currently discharged to an unnamed tributary of Lurline Creek. In order to comply with existing Time Schedule Order (TSO) No. R5-2007-0073, the Discharger proposes to upgrade the WWTF to include effluent storage and water recycling for irrigation of agricultural land, and will eliminate the discharge to surface waters after the project is completed. The existing WWTF serves approximately 1,056 residents, and the current average dry weather flow is approximately 0.14 million gallons per day (mgd). The upgraded WWTF will have an average dry weather flow capacity of 0.224 mgd. The new 150-acre water recycling site will be improved to create an effluent storage pond and two 37-acre irrigation areas that will be planted to alfalfa and</p>

		irrigated with recycled effluent. The remainder of the site will continue to be used for rice farming using water supplied by the local irrigation district. (ALO)
	e.	<p><b>WASTE DISCHARGE REQUIREMENTS FOR SIERRA PACIFIC INDUSTRIES – MARTELL DIVISION FACILITY CLOSURE AND POST CLOSURE OPERATION, MAINTENANCE AND MONITORING, Amador County</b></p> <p>Sierra Pacific Industries owns a 450 acre former lumber mill in Martell, California. These WDRs address the clean closure of a 24-acre wood waste land fill, and the closure-in-place of a 5.3 acre ash disposal area at this location. These facilities were previously regulated under Waste Discharge Requirements No. 98-094, which permitted clean closure of the wood waste land fill, and closure-in-place of the ash disposal area. Order No. 98-094 required clean closure of the landfill to be completed by 2004, however as of 2008, clean closure of the wood waste landfill has not been completed, and closure of the ash disposal area has not yet begun. This Order requires the Discharger to perform a survey of the remaining wood waste volume; clean close the landfill at a rate of at least 40,000 cubic yards per year; submit verification of final clean closure; and close the ash disposal in-place, by capping the waste pile with engineered alternative, divert, repair and upgrade the drainage courses, and install groundwater interception drains as necessary. (PG)</p>

RECOMMENDATION: Adopt the proposed waste discharge requirements.

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

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

7/8 October 2009

Central Valley Regional Water Quality Control Board meeting

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