

ITEM: 25

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>DELICATO VINEYARDS, INC., DELICATO FAMILY VINEYARDS, SAN JOAQUIN COUNTY</p> <p>Delicato Family Vineyards operates a winery approximately two miles north of Manteca. Process wastewater is currently collected from three sumps within the winery facility and conveyed to two unlined shallow wastewater ponds used as pumping sumps, and is then discharged into approximately 23 acres of uncropped Land Application Areas (LAAs).</p> <p>Waste Discharge Requirements (WDRs) Order 96-077 regulates the discharge, allowing an average daily wastewater flow of 0.1 million gallons per day (mgd) and maximum daily flow of 0.325 mgd. Because groundwater degradation was identified at the facility, Cleanup and Abatement Order R5-2004-0705 was issued requiring the Discharger to implement salinity reduction to curtail groundwater degradation. Because some salinity source reduction efforts have been implemented, this Order requires that the Discharger complete a post-source control salinity reduction evaluation to quantify the level of reduction achieved and to provide a feasibility analysis of additional reduction measures.</p> <p>The winery currently crushes 140,000 tons of grapes annually and plans to increase crush capacity to 200,000 tons annually. The Discharger has requested to increase the monthly wastewater discharge to 0.274 mgd and begin using 130 acres of cropped LAAs. Upgrades to the wastewater system will include two 0.25-million gallon HDPE-lined ponds for flow equalization before discharge to 107 acres of vineyards and 23 acres of double-cropped LAAs.</p> <p>The revised WDRs prescribe that, effectively immediately, discharge to the existing 23 acres of LAAs shall not exceed a total of 56 million gallons per calendar year. Upon the construction of two lined aeration ponds (required by 1 September 2013), the allowable annual flow limit can be increased to 72 million gallons by approval of the Executive Officer.</p>
b	<p>HILMAR CHEESE COMPANY, INC., AND REUSE AREA OWNERS, HILMAR CHEESE PROCESSING PLANT, WASTE DISCHARGE REQUIREMENTS AMENDMENT, MERCED COUNTY</p> <p>Hilmar Cheese Company, Inc. (Hilmar Cheese) owns and operates a Cheese Processing Plant (the "Plant") about one-half mile north of the unincorporated community of Hilmar. Waste Discharge Requirements (WDRs) Order R5-2010-0008 regulates discharges from the Plant to "Primary" and "Secondary Lands." Past discharges to the Primary Lands degraded and/or polluted groundwater with salts and iron and manganese.</p> <p>When the Central Valley Water Board adopted WDRs Order R5-2010-0008, the Board acknowledged that unless Hilmar Cheese upgraded its treatment system, the wastewater discharged to the Primary Lands would violate the WDRs. Therefore, the Central Valley Water Board concurrently issued a Time Schedule Order that established a time schedule for Hilmar Cheese to achieve compliance with the WDRs.</p>

	<p>In Finding 74 of the WDRs, the Central Valley Water Board assigned the discharge a “threat to water quality” (TTWQ) and “complexity” (CPLX) rating of 1-A, which means that Hilmar Cheese currently pays the highest annual fee authorized by the California Code of Regulations. However, pursuant to the TSO, Hilmar Cheese has ceased the discharge to the Primary lands and now provides extensive treatment of the wastewater that is now discharged to the Secondary Lands. Effluent quality is similar to groundwater quality, and the discharge no longer poses the threat that it did at the time WDRs Order R5-2010-0008 was adopted. The Central Valley Water Board rescinded the TSO after the upgrades were completed. Hilmar Cheese has requested a reduction of the TTWQ from a 1 to a 2. The reduction is appropriate and the proposed Order amends WDRs Order R5-2010-0008, Finding 74, to reflect a TTWQ and CPLX rating of 2-A.</p>
c	<p>HOMESTAKE MINING COMPANY, ORDER AMENDING WASTE DISCHARGE REQUIREMENTS ORDER R5-2012-0010, MCLAUGHLIN MINE, LAKE, NAPA AND YOLO COUNTIES.</p> <p>Homestake Mining Company’s McLaughlin Mine is a former gold mine in Lake, Napa and Yolo Counties. Waste Discharge Requirements Order R5-2012-0010 (WDRs) set maximum water levels for the North and South Mine Pit Lakes. The WDRs stated the Discharger could apply for higher water level requirements upon the completion of a barrier to prevent leakage from the North Pit and raising a second barrier between the two pits. The Discharger has completed these barriers. This Order amends WDRs Order R5-2012-0010 to require that the water level in North Pit remain below 1720 feet MSL and in the South Pit below 1731 feet MSL. (RDA)</p>
d	<p>TUOLUMNE COUNTY COMMUNITY RESOURCES AGENCY, BIG OAK FLAT (GROVELAND) SANITARY LANDFILL, CLASS III MUNICIPAL SOLID WASTE LANDFILL, POST-CLOSURE MAINTENANCE, AND CORRECTIVE ACTION, TUOLUMNE COUNTY</p> <p>The Tuolumne County Community Resources Agency (hereafter Discharger) owns and operates the closed Class III Big Oak Flat (Groveland) Sanitary Landfill (Facility) located approximately two miles south of the unincorporated town of Groveland. The closed Facility is on a 10-acre parcel with one unlined waste management unit (Unit) covering five acres. The landfill was capped and closed in late 2002. In August 2005, without prior authorization from the Central Valley Water Board, the Discharger rehabilitated downgradient groundwater monitoring wells GMW-2 and GMW-3. After this rehabilitation the concentrations of VOCs dropped significantly and previously detected VOCs in trace values were now undetectable. Upon Board staff review we believe that the monitoring system does not comply with Title 27 Section 20415 Detection Monitoring Program (DMP). These WDRs require the Discharger to evaluate the monitoring system and determine how the monitoring system will be modified to comply with Title 27, Section 20415(b)(1)(B).</p>

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

April 11/12 2013

Central Valley Regional Water Quality Control Board meeting

11020 Sun Center Dr. #200

Rancho Cordova, CA 95670