

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><b>East Bay Municipal Utility District Camanche North Shore Recreation Area Water Treatment Plant Land Application, Amador County</b></p> <p>The East Bay Municipal Utility District (Discharger) installed a new irrigation system at the one-acre Blue Oaks Playground and an adjacent three-acre wooded campground area to discharge filter backwash water generated from Camanche North Shore Water Treatment Plant (WTP).</p> <p>The WTP treats groundwater by pre-chlorination, filtration, and disinfection. The filter backwash water is discharged to two clay-lined ponds for evaporation. During the wet season, the overflow from the ponds flows into an unnamed creek and then into Camanche Reservoir. This surface water discharge is regulated under General Order R5-2008-0081-018 for Dewatering and Other Low Threat Discharge to Surface Water (the "General Oder"). During the summer, the unnamed creek may occasionally have standing or slow-flowing filter backwash water that could cause mosquito breeding. To reduce the public concerns regarding the mosquito issues, the Discharger installed an irrigation system that redirects the discharge from the storage ponds to the LAAs from April through October.</p> <p>This Order regulates the filter backwash water discharge on the LAAs and allows for a monthly average discharge of 10,000 gpd to the LAAs between 1 April and 30 October. The winter discharge into the unnamed creek and Camanche Reservoir remains under the regulation of the General Order.</p>
b	<p><b>Wildhurst Vineyards, Wastewater Treatment Facility, Lake County</b></p> <p>Wildhurst Vineyards is an existing winery that's been in operation since the late 1990's. Activities at the winery include receiving, crushing, pressing and fermentations of grapes, and bottling of wine. The Discharger is not regulated under waste discharge requirements and currently discharges winery wastewater to a septic tank and leach field system regulated by the county.</p> <p>The Discharger plans to increase the annual wine production from 10,000 cases of wine and 137 tons of crushed grapes to 60,000 cases and 1,200 tons of grapes. With the increased wine production, the Discharger plans to discontinue use of the winery wastewater septic tank and leach field system; and proposes to treat the winery wastewater through a pre-treatment process and aerated lined ponds, prior to land application to approximately 30 acres cropped with pear orchards.</p>

	<p>The proposed Order specifies discharge limits to the wastewater treatment ponds not to exceed 0.182 million gallons per calendar month or a total of 1.13 million gallons per year. The WDRs establish discharge prohibitions, specifications, effluent limitations, land application requirements, and groundwater monitoring requirements to assure protection of the beneficial uses of groundwater and prevent nuisance conditions.</p>
c	<p><b>City of Lakeport Municipal Sewer District, Lakeport Wastewater Treatment Facility (WWTF), Lake County</b></p> <p>The Lakeport WWTF is currently regulated under WDRs Order 98 207. The WWTF collects wastewater from residential and commercial developments, treats (using two unlined aerated basins) and disinfects (with chlorine) the wastewater for irrigation of approximately 242 acres of land application area (LAA) cropped with native vegetation. Non-milking cattle currently graze on the LAA. Cease and Desist Order (CDO) R5-2007-0010 was issued due to numerous violations related to sanitary sewer overflows, spills, storage capacity, land application area (LAA), and groundwater. The CDO required the Discharger to submit a Report of Waste Discharge to describe the facility improvements made and demonstrate that those improvements are compliant with State Water Resources Control Board Resolution 68-16.</p> <p>Facility improvements included expansion of the LAA to 332 acres and construction of two tailwater pump stations to capture and return runoff from the new LAA. The Order specifies discharge limits to the treatment ponds not to exceed a total annual flow of 310 million gallons, an average dry weather flow of 0.53 mgd, and a maximum average daily flow of 1.39 mgd. The Order establishes discharge prohibitions and specifications, LAA specifications, effluent limitations, and groundwater monitoring requirements to assure protection of the beneficial uses of groundwater and prevent nuisance conditions. Water recycling requirements are included for the cattle grazing operations, and the Order requires that the Discharger submit a Title 22 Engineering Report for the Production and Use of Recycled Water to the California Department of Public Health for approval.</p>
d	<p><b>Sierra county department of public works and transportation, Loyalton Landfill, class III landfill; revised waste discharge requirements for construction, operation, and corrective action; Sierra County</b></p> <p>The Loyalton Landfill is an 11-acre, unlined landfill about 1¼ miles southeast of the City of Loyalton. The landfill has been in operation since 1977, accepting primarily household and commercial wastes. Up to 4,500 tons per year of waste are discharged to the facility. In March 2003, low concentrations of volatile organic compounds, primarily Dichlorodifluoro-methane (Freon 12), were confirmed in groundwater at the site, causing the landfill to lose its small community liner exemption under federal Subtitle D regulations. Since then, for economic reasons (high cost of liner relative to tonnage), landfill development has been limited to vertical expansion over the March 2003 waste footprint. The proposed WDRs require that any proposed expansion of the landfill beyond the existing footprint be lined in accordance with Subtitle D regulations and limit any such</p>

<p>expansion to the 10 acres of remaining developable area at the site. Vertical expansion of the landfill is also limited. The WDRs also include a proof period under Title 27 regulations for demonstrating the completion of groundwater corrective action. Such successful demonstration could potentially allow the landfill to re-qualify for the Subtitle D liner exemption if approved under revised WDRs. The monitoring and reporting program requires semiannual and five year monitoring for landfill constituents of concern. Surface drainage at the site is to Smithneck Creek, tributary to the Middle Fork of the Feather River. (JDM)</p>
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RECOMMENDATION: Adopt the proposed waste discharge requirements.

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

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

March 30, 2012

Central Valley Regional Water Quality Control Board meeting

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