

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.

a	<p>Calaveras County Water District, La Contenta Wastewater Treatment Facility, Calaveras County</p> <p>The La Contenta Wastewater Treatment Facility (WWTF), built in 1991, provides tertiary treatment for the wastewater generated from the New Hogan/La Contenta area, which has 1,080 equivalent dwelling units.</p> <p>The WWTF consists of a mechanical bar screen, an activated sludge treatment unit (a 500,000-gallon concrete aeration basin, a clarifier, and a sludge return system), a coagulant feed system, sand filters, a UV light disinfection system, a sludge lagoon, a sludge belt press, a dry sludge storage area, and two unlined storage ponds (upper pond and lower pond). The treated wastewater is stored in the lower pond prior to conveyance to the 70 acre La Contenta Golf Course for recycling during the irrigation season.</p> <p>WDRs Order R5-2002-0222 prescribes requirements for the WWTF and the use of recycled water at the Golf Course. The use of recycled water at the Golf Course is now regulated under State Water Board Order 2009-0006-DWQ, General Waste Discharge Requirements for Landscape Irrigation Uses of Recycled Water. Therefore, Order R5 2002 0222 is being revised to regulate the treatment and storage of effluent only.</p> <p>The proposed Order will increase the average dry weather flow limit from 0.15 MGD to 0.20 MGD.</p>
b	<p>County of Sacramento, Department of Waste Management and Recycling, Elk Grove Class III Landfill, Post-Closure Maintenance And Corrective Action, Sacramento County</p> <p>The waste discharge requirements (WDRs) for the Elk Grove Class III Landfill are undergoing a regular ten-year update of the current 2003 WDRs Order R5-2003-0046. The 37-acre landfill is located at near the intersection of Bond Road and Waterman Road in Elk Grove and was closed with a final cover in 1992. Groundwater investigation and corrective action requirements began in 1999 with the adoption of WDRs Order 99 104 and continued under Order R5-2003-0046 to address low levels of volatile organic compounds (VOCs) in the groundwater. The County proposed Corrective Action Program was approved in Order R5 2003-0046 and included groundwater extraction and treatment with reinjection into the unsaturated zone, injection of Hydrogen Release Compound (HRC®)/groundwater mixture into the groundwater for in-situ treatment of VOCs, and operation of a landfill gas system to control the source area in the landfill. The corrective action efforts have reduced or eliminated VOCs in some of the impacted monitoring wells; however, groundwater impacts are still present in other monitoring wells. The Order includes a time schedule to continue corrective action to address the remaining impacts. (WLB)</p>

c	<p>Napa Berryessa Resort Improvement District, Napa Berryessa Wastewater Treatment Facility, Napa County</p> <p>On 31 May 2013, the Central Valley Water Board adopted Waste Discharge Requirements (WDRs) Order R5-2013-0065, prescribing requirements for Napa Berryessa Wastewater Treatment Facility (WWTF) in Napa County. The WWTF is owned and operated by Napa Berryessa Resort Improvement District.</p> <p>Approximately six acres of oak woodland were removed for the construction and expansion of new effluent storage ponds. The removed oak woodland represents riparian habitat and habitat connectivity to upstream and downstream resources. Tree replacement is required to meet requirements of California Department of Fish and Wildlife, Bureau of Reclamation, Army Corps of Engineers, and California Environment Quality Act. To mitigate the tree loss, oak trees will be replanted on the property (Oak Tree Mitigation Areas).</p> <p>On 30 May 2013, the Discharger requested that the Board amend WDRs Order R5-2013-0065 to allow the use of disinfected secondary effluent for irrigation of the new trees and vegetation at the Oak Tree Mitigation Areas. Subsurface drip irrigation will be installed in the proposed areas. This Order authorizes this use and adds requirements for their operation.</p>
d	<p>Travel Centers of America, LLC., Redding Travel Center, Shasta County</p> <p>The Discharger owns and operates a wastewater treatment plant in Shasta County. The facility discharges approximately 12,900 gallons per day (gpd) of domestic wastewater to an onsite extended aeration package plant with anoxic treatment and a design capacity of 25,000 gpd. The system includes a 7,000 gallon equalization tank to handle peak flows up to leachfield capacity. Discharge from the treatment plant is to an onsite subsurface leachfield system. A site evaluation determined that the capacity of the leachfield is 33,000 gpd. The subsurface leachfield is underlain by the Redding Groundwater Basin. Groundwater is found at depths of 7 to 17 feet below the leachfield disposal area.</p> <p>Discharges from the Facility are currently regulated by Waste Discharge Requirements Order 98-014, issued by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) on 23 January 1998. An Order is proposed to amend the existing Order to update the information for the replacement of the facility's wastewater treatment system with a similar system with all new components, along with a minor change to the Monitoring and Reporting Program. The Discharger is expected to be able to immediately comply with the tentative WDR permit amendment, if adopted.</p>
e	<p>Yocha Dehe Wintun Nation, Seka Hills Olive Mill, Yolo County</p> <p>The Yocha Dehe Wintun Nation owns and operates the Seka Hills Olive Mill facility located along State Highway 16, in Yolo County. The facility currently consists of an olive oil milling structure, a 20 acre olive orchard, 103 acres of seasonal crop land, and 60 acres of fallow grassland used for cattle grazing. Approximately 12 acres of the fallow grassland is currently used as a Land Application Area (LAA) for the discharge of wastewater from olive milling operations.</p> <p>The facility was constructed in late 2011 and is currently operating under the Conditional Waiver of Waste Discharge Requirements for Small Food Processors and Small</p>

Wineries within the Central Valley Region (Order R5 2009 009-0060). Because the Discharger is planning to increase olive oil milling operations and increase wastewater discharge to 123 acres of orchard and cropped land individual Waste Discharge Requirements are proposed.

The olive mill currently crushes 700 tons of olives from September through December and plans to increase crush capacity up to 3,700 tons of olives annually and increase wastewater discharge in four phases. The Discharger has requested to increase wastewater discharge to 26,500 gpd and begin using 123 acres of cropped LAAs. Upgrades to the wastewater system will include the use of 10,000 gallon aboveground polyethylene storage tanks for flow equalization and solids settling before discharge to the LAAs.

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

3/4 October 2013

Central Valley Regional Water Quality Control Board meeting

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