

**21-22 APRIL 2022 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 11

SUBJECT:

Following are proposed Waste Discharge Requirements Orders 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.

BOARD ACTION:

Consideration of Waste Discharge Requirements

BACKGROUND:

a. Amador County Waste Management and Recycling Department, Buena Vista Landfill, Amador County – Consideration of Revised Waste Discharge Requirements Order No. R5-2018-0020

The existing engineered alternative Waste Management Unit (WMU) I final cover is not consistent with the performance goals of the prescriptive standard and will not afford at least equivalent water quality protections.

During the 2016-2017 wet season, the Class II surface impoundment reached capacity and the Discharger shutdown the groundwater extraction system and trucked water offsite for disposal.

The tentative WDRs would authorize the Discharger's proposed WMU I final cover and class II surface impoundment expansion designs, construction specifications, and construction quality assurance and quality control plans.

b. City of Farmersville, Farmersville Wastewater Treatment Facility, Tulare County – Consideration of Revision of Waste Discharge Requirements Order No. 86-152

Waste Discharge Requirements (WDRs) Order 86-152, adopted by the Central Valley Water Board on 8 August 1986, regulates the City of Farmersville's (City) Farmersville Wastewater Treatment Facility

(WWTF) and authorizes a monthly average discharge flow of up to 1.25 million gallons per day of undisinfected secondary wastewater from two aeration ponds to eight evaporation/percolation ponds and 140 acres of farmland owned by Jack Hesse. Wastewater Reclamation Requirements (WRRs) Order 84-128 was issued for the reclamation of wastewater to the 140 acres owned by Mr. Hesse. The City reportedly never reclaimed effluent on the 140 acres of farmland.

On 16 November 2020, the City submitted a Report of Waste Discharge for a new WWTF to replace the existing WWTF. The new WWTF consists of one extended aeration activated sludge basin with an anoxic zone and three treatment lanes, two secondary clarifiers, an aerobic digester, a sludge holding tank, a gravity belt thickener, and four concrete lined sludge drying beds. The treated wastewater will be discharged to the ten existing evaporation/percolation ponds.

The proposed Order authorizes a monthly flow limitation of 1.40 million gallons per day. As part of the Salt Control Program, the proposed Order sets an effluent Salinity Action Level of 700 $\mu\text{mhos/cm}$ (calculated as an annual average). Furthermore, the proposed Order sets a 5-day biochemical oxygen demand and total suspended solids of 40 mg/L as a monthly average and 80 mg/L as a daily maximum. In addition, the Order requires the Discharger to remain in compliance with the new Salt and Nitrate Control Programs.

The tentative WDRs were circulated for public comment on 11 February 2022. No comments were received regarding the tentative WDRs.

c. County of Tulare, Woodville Disposal Site, Tulare County – Consideration of Revision of Waste Discharge Requirements Order No. R5-2012-0075

Tulare County, hereinafter referred to “Discharger”, owns and operates the Woodville Disposal Site (Facility). The Facility is located approximately four miles northwest of Woodville in Tulare County. On 3 August 2012, the Central Valley Water Board adopted WDRs Order R5-2012-0075 to regulate the construction, monitoring, operation, and corrective action of the Class III Facility. This Order updates the WDRs for the Facility’s existing and planned waste management units, as part of an administrative policy of periodic review, to incorporate revisions to

regulations and policies adopted thereunder, for continued operation and maintenance.

Comments were received from the County of Tulare on 16 March 2022. The tentative Order was revised to address the comments received.

d. Lost Hills Environmental, LLC, Lost Hill Environmental LLC, Kern County – Consideration of Modifications to Waste Discharge Requirements Order No. R5-2010-0123

Lost Hills Environmental, LLC, hereinafter referred to “Discharger”, owns and operates the Lost Hills Environmental LLC (Facility), located at 14045 Holloway Road in Lost Hills, CA. The Facility is approximately 331 acres in size and is currently regulated by Waste Discharge Requirements (WDRs) Order R5-2010-0123 which prescribes requirements for construction and operation of the Facility in accordance with Title 27, California Code of Regulations, Section 20005 et seq (Title 27).

This Order modifies Order No. R5-2010-0123 as a result of an Amended Report of Waste Discharge (ROWD), dated 12 October 2021, to include the additional waste streams of drill cuttings, slag, granulated silica, industrial sand-based waste, compost-derived waste, non-compostable winery pulp/waste, destructed cannabis/marijuana, poultry (non-manure), dead animals, wastewater grit, digestates, wastewater sloughing, shredded polyvinyl chloride pipe, and non-friable asbestos into Pits F and G. Order No. R5-2010-0123 remains intact and applicable in all other aspects.

e. Merced County Regional Waste Management Authority, Billy Wright Solid Waste Landfill, Merced County – Consideration of Modifications to Waste Discharge Requirements Order No. R5-2011-0061

The Billy Wright Solid Waste Landfill (Facility) is owned and operated by Merced County Regional Waste Management Authority and located approximately eight miles west of the City of Los Banos and one mile south of Highway 152. The total permitted area is approximately 172.7 acres; however, 101.8-acres comprises the landfill footprint. The landfill consists of one active unlined waste management unit (WMU) (Phase 1), two active composite-lined WMUs (Phase 2A and 2B), and one proposed composite-lined WMU (Phase 2C). Phase 3 is planned for

future expansion. Proposed discharges of treated wood waste are to Phases 2A, 2B, and 3, which are lined with an engineered alternative composite liner system with a leachate collection and removal system (LCRS). The Facility is currently regulated by Waste Discharge Requirements (WDRs) Order R5-2011-0061, which prescribes requirements for operation and construction.

This Order modifies Order No. R5-2011-0061 by adding additional discharge specifications for the discharge of treated wood waste to the composite-lined WMUs. Order R5-2011-0061 remains intact and applicable in all other aspects.

Minor comments from the Discharger were received on 17 February 2022 and incorporated into the tentative Order.

f. McCloud Community Services District, McCloud Class III Municipal Solid Waste Landfill, Siskiyou County – Consideration of Revision of Waste Discharge Requirements Order No. R5-2003-0082

BACKGROUND:

Siskiyou County Department of General Services (Discharger) owns and maintains the McCloud Class III Municipal Solid Waste Landfill (McCloud Landfill or Facility). The Facility is a Class III solid waste landfill. Champion International Corporation operated the Facility from the early 1950s as an area-fill landfill. In 1975, McCloud Community Services District began operating the Facility as a sanitary landfill. The Facility ceased accepting municipal solid waste (MSW) in July 1995, and continued to accept wood waste until July 2002, at which point the Discharger took over as the owner and operator. No hazardous wastes, radioactive wastes, or volatile and/or flammable wastes were accepted.

The Facility is located approximately one mile east of the town of McCloud. Lands within 1,000 feet of the Facility are forest land under public and private ownership. There are no permanent structures within 1,000 feet of the Facility. The Facility receives an average of 49 inches of precipitation per year. The first encountered groundwater lies approximately 190 feet below ground surface (bgs). Groundwater typically flows from northwest to southeast. Surface drainage from the Facility is toward Squaw Valley Creek, a tributary of the McCloud River which ultimately flows into Shasta Lake. McCloud Landfill covers approximately 28 acres, of which approximately 14 acres were

associated with landfill activities, including facility operations, roads and maintenance. The Facility features a single solid waste management unit (WMU). The WMU is unlined, contains MSW and wood waste, and has no leachate control and removal system (LCRS). The Facility's passive gas venting system is constructed of two polyvinyl chloride (PVC) pipes that cross at the high point of the landfill, with the vent pipe extending through the cap.

Three groundwater monitoring wells are used for monitoring and reporting. Monitoring well OB-1 is located up-gradient of the WMU, monitoring well OB-2 is cross-gradient, and monitoring well OB-3 is down-gradient of the WMU. No vadose zone monitoring is performed at the Facility. In October 2002, the Discharger submitted the Final Closure and Post-Closure Maintenance Plan, and closure was initiated after submittal of the Revised Final Closure and Post-Closure Maintenance Plans in January 2003. Closure consisted of placing a one-foot foundation layer atop the waste, followed by a geotextile layer, a high density polyethylene (HDPE) geomembrane, another geotextile layer, and an 18 inch vegetative layer. Final Closure was completed in 2004 and the discharge of any waste at the Facility is prohibited due to the closed status.

Analysis of groundwater conditions indicates that general chemistry parameters and metal concentrations are stable and show no signs of a release. Sodium concentrations have been increasingly in recent monitoring events, but the concentrations remain relatively low (6.5 to 6.9 milligrams per liter) and the increase is seen in the cross-gradient and up-gradient monitoring points as well, indicating this is a natural variation. No volatile organic compounds (VOCs) have been detected since 2009, when bromoform was detected in OB-1 at a concentration of 0.57 micrograms per liter.

This Order updates the WDRs for the Facility as part of a periodic review, to incorporate revisions to regulations and policies adopted thereunder, and for continued monitoring of the Facility.

ISSUES:

A tentative Order was issued for public comment on 21 December 2021 with comments due by 24 January 2022. The Central Valley Regional Water Quality Control Board did not receive any comments during the comment period.

RECOMMENDATION:

Adopt the proposed Waste Discharge Requirements

- ~~g. Sierra Pacific Industries, SPI-Martell Division Facility Class III Landfill, Amador County – Consideration of Revised Waste Discharge Requirements Order No. R5-2014-0025 (THIS ITEM WILL BE HEARD AT A FUTURE BOARD MEETING)~~

RECOMMENDATION:

Adopt all proposed Waste Discharge Requirements.

REVIEWS:

Management Review:	Various
Legal Review:	Various

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board meeting
 1685 E. Street
 Fresno, CA 93706-2020

AND VIA VIDEO AND TELECONFERENCE