

**10 December 2020 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 10

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. Aerojet Rocketdyne, Inc, White Rock North Dump and Aerojet Waste Consolidation Unit Landfill, Sacramento County

Aerojet Rocketdyne, Inc., owned by Aerojet Rocketdyne Holdings Inc. (Discharger), owns the White Rock North Dump (WRND) which is located approximately 17 miles east of downtown Sacramento in Sacramento County.

The WRND is an existing unlined, unclassified, and inactive Pre-Subtitle municipal solid waste landfill of approximately 100-acres which does not have an installed containment feature and continues to impact the beneficial uses of groundwater through the release of trichloroethylene (TCE) above the maximum contaminant level (MCL) for drinking water standards. The WRND is situated on an approximately 242-acre property. The address associated with the WRND is 12353 White Rock Road, Rancho Cordova, California 95742.

The Discharger proposes to construct a new 50-acre Class II landfill waste management unit known as the Aerojet Waste Consolidation Unit (AWCU) over a portion of the WRND. The purpose of the AWCU is to relocate waste (Transfer Material) from the Discharger's old Aerojet Landfill. By relocating the Transfer Material the Discharger will be able to

redevelop the former Aerojet Landfill land for commercial purposes. A secondary purpose is in the Discharger's efforts to address soil and groundwater contamination on the Discharger's property, the Discharger seeks to consolidate waste (also known as Transfer Material) from various locations on Aerojet controlled property to the AWCU, the new Class II landfill to be constructed on the old White Rock North Dump (WRND).

The base liner system of the AWCU will serve as a final closure cover over a portion of the unlined WRND. The Discharger proposes to install a final closure cover over the remaining portion of the WRND not closed by the AWCU.

The tentative Order was issued for a 30-day public comment period on 14 August 2020 with comments due by 14 September 2020. Comments were received from the Discharger and the Shingle Springs Band of Miwok Indians. Staff worked with the Discharger to address their comments and they are not contesting the order. The comments from the Shingle Springs Band of Miwok Indians requested consultation under Section 106 of the National Historic Preservation Act and Assembly Bill 52. Correspondence was sent to the Shingle Springs Band of Miwok Indians on 7 October clarifying that the adoption an IS/MND set for the October 15-16 meeting of the Central Valley Water Board was the end of the consultancy period under AB52, but that the Central Valley Water Board remained committed to engaging with the Shingle Springs Band of Miwok Indians in a "government to government" basis. No response was received to the 7 October communication, and there has been no further communication with the Shingle Springs Band of Miwok Indians.

b. California Asbestos Monofill, Inc., California Asbestos Monofill, Calaveras County – Consideration of Revisions to Order 97-142

California Asbestos Monofill, Inc. (Discharger), owns and operates California Asbestos Monofill (Facility), located approximately 5 miles southeast of Copperopolis in Calaveras County. The facility is a former asbestos mine which operated from 1962 through 1987. In 1990, the open pit started operating as an unclassified inert waste landfill LU-1 for

asbestos containing waste (ACW). In 1998, the facility started to accept shredded tires. The open pit was operated as an unclassified landfill until 2016 when it ceased to accept waste and the Discharger shifted their focus to closure.

The Facility waste management/mining units consist of unclassified LU-1 operated as inert waste landfill in the former mining pit, reclaimed Mill Tailings Stockpile, Rock Reject and Overburden Waste Piles, three evaporation/infiltration ponds, and stormwater retention ponds.

This Order provides the specifications and requirements for the closure and post-closure of LU-1 inert waste management unit. The Discharger proposes to place at least two feet of rock reject on top of LU-1 waste covered by mill tailings, to grade the slopes to the maximum of 3H:1V (H-horizontal, V-vertical), and to allow mining influenced water to accumulate in the pit to form a shallow lake. This Order requires that the Discharger continues to dewater the pit and maintains the pit water level at or below 478 feet msl. Furthermore, the Order requires submittal of the Post-closure Monitoring and Maintenance Plan including cost estimates and the establishment of financial assurance mechanism for this purpose.

ISSUES:

Comments were received from the discharger during the public comment period. Changes were made to the tentative revised WDRs to address their comments. The discharger is not contesting the Order.

c. County of Placer, Loomis Landfill, Placer County – Consideration of Revisions to Order R5-2004-004

The County of Placer owns and operates the Loomis Landfill located approximately 1.5 miles east of the Town of Loomis. The Facility was operated from 1959 to 1979 for the disposal of household, commercial, and industrial refuse. The operator was Auburn Disposal Company from 1959 to 1975 and Auburn Placer Disposal Services from 1975 to 1979. Both operators worked under contract with the Discharger. The Discharger ceased accepting all but inert solid wastes at the site in

1979. The Facility ceased accepting all wastes prior to 27 November 1984 and the Facility was closed in 1986.

The existing Waste Discharge Requirements (WDR Order No. R5-2004-0041) are being updated due to age and to capture changes at the site that have occurred since their adoption in 2004. Due to detections of volatile organic compounds in groundwater and a Notice of Violation issued in 2014, the discharger installed new monitoring wells and enhanced the operation of the landfill gas extraction system.

These revised WDRs require the discharger to submit an updated water quality protection standard and an updated sample collection and analysis plan, and they will also be required to repair a monitoring well.

ISSUES:

No comments were received during the public comment period. The discharger received an administrative draft prior to the public comment period, and some changes were made based on their comments. The discharger is not contesting the Order.

d. Kings Waste and Recycling Authority; Corcoran Landfill; Kings County – Revisions to Order R5-2014-0164

The Kings Waste & Recycling Authority, hereinafter referred to “Discharger”, owns and maintains the Corcoran Landfill (Facility). The Facility is located approximately one mile north of the City of Corcoran in Kings County. On 5 December 2014, the Central Valley Water Boards adopted WDRs Order R5-2014-0164, which incorporated the applicable provisions of Title 27 and the California Water Code. This Order continues such classifications. This Order updates the WDRs for the Facility, as part of an administrative policy of periodic review, to incorporate revisions to regulations and policies adopted thereunder, for continued post-closure maintenance and corrective action.

The Facility is situated on a 60-acre property comprised of Assessor’s Parcel Number (APN) 034-011-023-000. The Facility consists of four closed Waste Management Unit (WMU) covering 20 acres. The Facility released waste constituents to groundwater and maintains a corrective action program, which consists of monitored natural attention.

ISSUES: None.

e. Lehigh Southwest Cement Company and Calaveras Cement Company, Calaveras Cement Plant, Calaveras County – Consideration of Amendments to Order R5-2017-0077-01

Lehigh Southwest Cement Company and Calaveras Cement Company (hereafter jointly Discharger or Lehigh), own and operate the Calaveras Cement Plant (hereafter site) about 2.5 miles south of San Andreas, Calaveras County. The site is a former 250-acre limestone quarry and cement production facility that ceased operation in 1982. While the facility was in operation from 1926 to 1982, cement kiln dust (CKD) and waste rock were discharged to three CKD dust piles (CKD-1, CKD-2, CKD-3) and two waste rock piles (West Rock Storage Area and East Rock Storage Area), respectively. Mining and processing activities ceased in 1982 and the facilities have been decommissioned and demolished. Current Waste Discharge Requirements order R5-2017-0077-01 (Order) classifies cement kiln dust as Group B Mining Waste. Proposed closure project includes consolidating CKD material at CKD-3 under a low-permeability cover, installing a leachate collection and removal system to control subsurface drainage, installing surface water drainage controls, and closing CKD-3 unit in compliance with the Order and Title 27 Requirements.

The Discharger is pursuing permits from U.S. Corps of Engineers and the California Department of Fish and Wildlife to excavate the cement kiln dust mining waste from the riparian and seasonal wetland areas at the toe of the unit and consolidate it under the CKD-3 cover. To that effect, Central Valley Water Board assumed the role of lead agency in accordance with California Code of Regulations, title 14, section 15050, for the purposes of satisfying the requirements of the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.) and completed the process in June 2020. Nevertheless, the permitting processes will not be completed in time for the Discharger to meet the 30 December 2020 closure deadline.

The attached tentative Order amends the WDR Order R5-2017-0077-01 by extending the compliance deadlines to allow the Discharger to complete permitting process and extends the current 31 December 2020

compliance deadline for the closure of CKD-3 to 31 December 2021 and the related compliance deadline for the final closure and post-closure monitoring and maintenance plan to 31 March 2022.

~~f. Glenn Springs Holding Company, Former Occidental Chemical Company, San Joaquin County – Revisions to Order R5-2012-0106~~

(THIS ITEM WILL BE HEARD AT A FUTURE BOARD MEETING)

g. Tasteful Selections, LLC, Tasteful Properties, LLC, and Way-Gin, LP; Tasteful Selections Arvin Facility; Kern County – New

Tasteful Properties, LLC, Tasteful Selections LLC, and Way-Gi, LP (collectively called Discharger) own and operate a potato processing and packing facility near Arvin in Kern County referred to as the Tasteful Selection Arvin Facility (or Facility). The Facility's packing process includes facilities for receiving, storing, washing, drying, bagging, and shipping potatoes. Processing occurs all year with no peak period. Wastewater generated at the Facility will be treated through a recycled water treatment process (consisting of prefiltration, sand cyclone, and lamella separator). Therefore, on an annual basis, 95% of the wastewater that is generated is recycled as wash water. The remaining 5% is discharged to a lined, 4.9-million-gallon lined wastewater storage pond. Following storage, the wastewater is mixed with fresh irrigation water and land applied on 160 acres of almond orchard, 419 acres of wheat field, and/or used for dust control.

The Facility does not currently have WDRs. On 24 June 2014, the original Report of Waste Discharge for the Facility was submitted. It was followed by revisions or addendums on 29 August 2014, 5 September 2019, 7 November 2019, and

31 January 2020. The tentative Waste Discharge Requirements (WDRs) Order includes an annual flow effluent limit of 2.7 million gallons. The proposed Order was noticed for a 30-day public comment period. On 16 October 2020, Ms. Jo Anne Kipps, a private citizen, submitted comments on the tentative WDRs Order.

Ms. Kipps commented on various items on tentative WDRs Order, including the following:

- Dibromochloropropane concentrations in the discharge.
- Potential increases in the discharge salinity due to the addition of the recycling water treatment system.
- Application of wastewater at uniform rates on the land application areas.
- The tentative WDRs Order California Environmental Quality Act Findings.
- The stormwater basin construction specifications and the need for stormwater basin monitoring in the Monitoring and Reporting Program.
- The Facility's domestic wastewater discharge.
- The applicable annual fee for the Facility.

In response to the received comments, staff included additional information in the tentative WDRs and made modifications to the tentative Monitoring and Reporting Program requirements.

RECOMMENDATION:

Adopt the proposed Waste Discharge Requirements.

REVIEWS:

Management Review:	Various
Legal Review:	Various

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board meeting
11020 Sun Center Dr. #200
Rancho Cordova, CA 95670

Internet Zoom Meeting