

**14 OCTOBER 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. CITY OF RIO VISTA, RIO VISTA LANDFILL, SOLANO COUNTY –
CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER
NO. R5-2005-0117**

The City of Rio Vista (Discharger) owns and operates the closed Rio Vista Landfill (Facility), which is a 12-acre Class III WMU situated on a 20-acre site approximately one mile north of Rio Vista in Solano County. The Landfill is a municipal solid waste (MSW) landfill regulated under authority given in Water Code section 13000 et seq.; California Code of Regulations, title 27 (“Title 27”), section 20005 et seq. Waste Discharge Requirements (WDRs) Order No. R5-2005-0117 implements these statutes and regulations for the Landfill.

The Facility operated from the mid-1940s through 1992, accepting primarily household waste from the City of Rio Vista and the surrounding areas. The Facility stopped accepting wastes on 1 January 1993 but was not closed until 2002. Since 1993, refuse from the area has been disposed of at the Potrero Hills landfill.

The Discharger has a history of not providing data, information, or performing analyses required in the 2005 Order. The incomplete data prevents thorough review and evaluation of whether the Discharger is in compliance with the 2005 Order or if release of wastes which results in impacts to water quality may be occurring.

The tentative WDRs would require the Discharger to provide the required historic data and information and perform required analyses, including an investigation of possible release, pursuant to a time schedule.

**B. GONZALES DEVELOPMENT COMPANY, MERIAM PARK PHASE H GRADING
PROJECT, BUTTE COUNTY – CONSIDERATION OF NEW WASTE DISCHARGE
REQUIREMENTS FOR DISCHARGES OF DREDGED OR FILL MATERIAL TO
WATERS OF THE STATE**

A Waste Discharge Requirements Order (Order) is proposed for the Gonzales Development Company, Meriam Park Phase H Grading Project (Project) in Butte County. The Project consists of the placement of approximately 400 cubic yards of fill (soil) into wetland features secondary to the grading of the undeveloped, 10.89-acre project area in Phase H, thereby eliminating all aquatic features present, to prepare the site for the remaining phases of infrastructure and residential development of the Meriam Park Development. Fill activities will impact a total of 0.03 acre of seasonal swale and seasonal wetland and 0.21 acre of vernal pool. All impacted waters have been deemed by U.S. Army Corps of Engineers to be outside of federal jurisdiction.

The Permittee, Gonzales Development Company, has agreed to provide compensatory mitigation for permanent impacts to waters of the state at a 1:1 ratio (1 acre of mitigation credits required for every 1 acre of impacted aquatic resources).

The proposed Order provides a description of the Project activities and requires adherence to the requirements for compensatory mitigation for impacts that cannot be feasibly avoided or minimized; implementation of the approved compensatory mitigation plan; and other requirements to minimize the potential effects of construction on water quality and resources.

ISSUES

A tentative Order was issued for public comment on 5 August 2022 with comments due by 7 September 2022. The Central Valley Regional Water Quality Control Board did not receive any comments during the comment period.

C. LAMONT PUBLIC UTILITY DISTRICT AND RECOLOGY BLOSSOM VALLEY ORGANICS SOUTH, LAMONT WASTEWATER TREATMENT FACILITY, KERN COUNTY – CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2012-0043

Waste Discharge Requirements (WDRs) Order R5-2012-0043, adopted by the Central Valley Water Board on 8 June 2012, regulates the Lamont Wastewater Treatment Facility (WWTF) and authorizes a discharge of up to 2.0 million gallons per day (mgd) (monthly average dry weather flow) of undisinfected secondary wastewater to 130 acres of District Use Areas and to a Composting Facility. In addition, the Central Valley Water Board issued Cease-and-Desist Order (CDO) R5-2012-0044. The CDO required the Lamont Public Utility District (District) to address ongoing effluent biochemical oxygen demand and total suspended solids effluent limit exceedances and required the District to secure adequate, reliable effluent disposal capacity for a planning period of no less than 20 years.

On 25 August 2015, the District submitted a Report of Waste Discharge for the expansion of the District's Use Area by an additional 160 acres (APN 185-350-55) of land for a total of 290 acres (130 acres currently permitted plus 160 acres proposed) and to acknowledge Blossom Valley Organics South (Recology) as the new operator of the Composting Facility. The Composting Facility is regulated under separate

Waste Discharge Requirements, Order 5-01-091. Recology takes wastewater generated at the District's WWTF and applies it to the Composting Facility and any remainder wastewater is applied to the 290 acres of Use Areas to irrigate fiber and fodder crops for non-human consumption. Recology will act as the operator responsible for managing the 290 acres of Use Areas. The proposed project will not result in an increase in flows.

The proposed Order revokes the CDO and revises the WWTF's waste discharge requirements. The proposed Order sets a Salinity Action Level for electrical conductivity of 1,300 $\mu\text{mhos/cm}$ (calculated as an annual average) and carries over effluent limits for 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 proposed 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 15 August 2022. Comments were received regarding the tentative WDRs by the District on 23 August 2022 and by Recology on 14 September 2022. Revisions were made to the tentative WDRs to address Recology's comments. Full responses to the comments are in the agenda package.

D. SIERRA PACIFIC INDUSTRIES, SIERRA PACIFIC INDUSTRIES-MARTELL DIVISION FACILITY, AMADOR COUNTY – CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2014-0025

WDRS Order R5-2014-0025 required certification of clean closure of the Wood Waste Landfill and the Leachate Basin by 31 January 2022. The Discharger submitted documentation requesting an extension of the clean closure date in R5-2014-0025 due to inaccurate information. The Discharger's 8 March 2022 Report of Waste Discharge included plans to also clean close the previously closed Ash Disposal Area Landfill in conjunction with its revised Wood Waste Landfill and Leachate Basin clean closure plan.

These WDRs require revised financial assurances estimates and financial assurance mechanisms for clean closure of the Wood Waste Landfill, the Ash Disposal Area Landfill, and the Leachate Basin by 31 December 2032. The WDRs also include a compliance schedule ensuring that clean closure of all waste management units will occur by 31 December 2032.

E. WESTERN AGGREGATES, LLC., WESTERN AGGREGATES, YUBA COUNTY – CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER NO. 5-00-104

Western Aggregates, LLC. owns and operates an aggregate mining and processing facility located at 4711 Hammonton Road in Yuba County. Aggregate mining operations at the Facility include excavation, sorting, storage, and transport of aggregate from previous dredger tailings. The exact locations of gravel extraction

are dynamic, and change based on new locations within the Amended Reclamation Plan boundary to be mined.

Aggregate material is excavated from an Excavation Area and transported to the processing plant where is it washed, screened, and sorted. Wastewater generated from washing and sorting aggregate material is discharged to a settling pond, referred to as the Designated Disposal Area (DDA). No chemical additives are used to process and wash the aggregate.

The Discharger has been monitoring the DDA, Excavation Areas, and surface waters (including the Yuba River) for over 20 years. The data show excavation and discharge activities associated with aggregate mining and processing have had a negligible impact on water quality.

These WDRs require the total surface areas of all active DDAs to be less than 100 acres and a minimum of two feet of freeboard must be maintained in the DDAs. All DDAs and Excavation Areas must have a 35-foot land buffer that will not have any channels, swales, or culverts that could possibly, under 100-year storm water event, convey surface water to the Yuba River, surrounding channels, lakes, or ponds.

RECOMMENDATION:

Adopt the proposed Waste Discharge Requirements.

REVIEWS:

Management Review:	
Legal Review:	

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board Meeting
Redding City Hall
777 Cypress Avenue
Redding, CA 96001

Internet Zoom Meeting