

**22 JUNE 2023 BOARD MEETING
UNCONTESTED AGENDA ITEM**

AGENDA ITEM: 13

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.

A. CALIFORNIA ASBESTOS MONOFILL INC., CALIFORNIA ASBESTOS MONOFILL, CALAVERAS COUNTY, CONSIDERATION OF AMENDED WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2020-0060

BACKGROUND:

California Asbestos Monofill, Inc. (Discharger), owns and operates California Asbestos Monofill (Facility or CAM), 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. In 1998, the facility started to accept shredded tires. The Discharger operated the open pit as an unclassified landfill until 2016 when it ceased to accept waste. CAM closed and/or reclaimed waste management/mining units are unclassified LU-1, mill tailings stockpile, and rock reject and overburden rock stockpiles. Three evaporation/infiltration ponds are used to manage pit water level.

On 20 September 2022, the Discharger submitted a request for change in Threat to Water Quality and Complexity (TTWQ/C) classification for the facility. Specifically, the Discharger requested a decrease in Complexity from B to C.

The analysis of Facility conditions suggests that following pit/LU-1 closure the complexity of the Facility decreased and that the requested Complexity C is appropriate for CAM because:

- a. The facility does not discharge or store toxic or designated waste.
- b. The closed mining units contain either inert waste or Group C mining waste.
- c. The Facility doesn't operate any waste treatment systems.

The analysis of conditions at the Facility supports the Dischargers' request that the TTWQ/C 2 C is appropriate. Therefore, this Order amends Order R5-2020-0060 and changes the California Asbestos Monofill TTWQ/C classification from 2 B to 2 C.

RECOMMENDATION:

Adopt the amended Waste Discharge Requirements.

**B. CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION,
PLEASANT VALLEY STATE PRISON WASTEWATER TREATMENT FACILITY,
FRESNO COUNTY, CONSIDERATION OF AMENDED WASTE DISCHARGE
REQUIREMENTS ORDER NO. R5-2016-0092**

BACKGROUND:

California Department of Corrections and Rehabilitation (CDCR) is responsible for the operation of the Pleasant Valley State Prison Wastewater Treatment Facility (WWTF or Facility). Domestic wastewater produced from the prison is treated onsite at the Facility. The Facility is currently regulated under Waste Discharge Requirements (WDRs) Order R5-2016-0092, which was previously amended by WDRs Order R5-2017-0072 on 9 June 2017.

WDRs Order R5-2016-0092, Provision G.13 states that upon the completion of WWTF upgrades and prior to operation, CDCR shall submit a technical report in the form of an engineering report and certification that demonstrates the upgrades to the WWTF have been completed and the effluent can meet the requirements of disinfected tertiary wastewater for Executive Officer approval. Upon satisfaction of Provision G.13, CDCR is required to comply with the effluent limitations specified in WDRs Order R5-2016-0092, C.2.a through C.2.d.

On 30 April 2021, CDCR submitted a technical report titled Engineer's Certification Report for Wastewater Treatment Upgrade for the Production of Title 22 Recycled Water at California Department of Corrections and Rehabilitation's Pleasant Valley State Prison Wastewater Treatment Plant Coalinga, CA (2021 Technical Report). The stated purpose of the 2021 Technical Report is to satisfy Provision G.13. Based on the test results and findings submitted in the 2021 Technical Report, Central Valley Water Board staff determined the Discharger has satisfied Provision G.13 of WDRs Order R5-2016-0092 and that the Discharge should be required to comply with the disinfected tertiary effluent limitations in Effluent Limitations C.2.

RECOMMENDATION:

Adopt the amended Waste Discharge Requirements.

**C. CENTRAL VALLEY MEAT COMPANY, INC., ET AL, HANFORD BEEF PROCESSING
FACILITY, KINGS COUNTY, CONSIDERATION OF REVISED WASTE DISCHARGE
REQUIREMENTS ORDER NO. R5-2008-0017**

BACKGROUND:

Central Valley Meat Company, Inc. (Discharger) operates the Hanford Beef Processing Facility (Facility) at 10431 Avenue 8³/₄ in Hanford. Waste Discharge Requirements (WDRs) Order R5-2008-0017, adopted by the Central Valley Water Board on 25 January 2008, regulates the discharge of up to 0.39 million gallons per day (mgd) of process wastewater from the Facility for irrigation of crops.

In 2021 the Discharger submitted a Revised Report of Waste Discharge (RWD) to increase flows up to 1.0 mgd (annual average) or 365 million gallons annually and expansion of the land application area (LAA) to approximately 1,267 acres. The proposal also included pre-treatment and disposal of process wastewater from a new enclosed rendering plant to be constructed at the Facility in 2022.

Wastewater treatment at the Facility consists of Wedgewire screens, two cavitation air flotation (CAF) units, a Dissolved Air Flotation (DAF) unit (for rendering wastewater only), and two concrete lined settling ponds. From the settling ponds, the treated wastewater is placed in two double lined effluent storage ponds (operated in series) before being sent to the various LAA's for irrigation of crops. Solids consisting of manure (collected from the corrals) and residual solids collected from the screens and concrete settling ponds are stored on a compacted clay pad before being hauled off-site to a composting facility. Other solids generated during process operations (i.e., blood, skins, grease, etc.) are collected in bins and shipped off-site for further processing, reuse, or disposal.

The proposed Order revises the Facility's WDRs and increases the permitted total annual flow to 365 million gallons, sets a cycle average loading limit for biochemical oxygen demand (BOD) of 100 lbs/acre/day, and carries over the existing requirement for nutrient and hydraulic loading to be at reasonable agronomic rates. In addition, the proposed Order requires the Discharger to remain in compliance with the new Salt and Nitrate Control Programs and sets a performance-based salinity effluent limit of 2.0 million pounds of fixed dissolved solids (FDS) annually.

The tentative WDRs were circulated for public comment on 13 April 2023. Comments were received regarding the tentative WDRs by Ms. Jo Anne Kipps and Central Valley Meat Company, Inc. on 15 May 2023. Revisions were made to the tentative WDRs to address comments received. Full responses to the comments are in the agenda package.

ISSUES:

The Discharger and Ms. Jo Anne Kipps provided various comments on the tentative WDRs and Monitoring and Reporting Program (MRP). In response to the comments received, staff revised the tentative WDRs and MRP. Staff's response to comments are included in the agenda package.

RECOMMENDATION:

Adopt proposed revised Waste Discharge Requirements.

**D. CITY OF CLOVIS, CITY OF CLOVIS LANDFILL, FRESNO COUNTY,
CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER
NO. R5-2016-0058**

BACKGROUND:

The City of Clovis owns and operates the City of Clovis Landfill (Facility), which is located approximately eight miles north of the City of Clovis in Fresno County. The proposed WDRs prescribe requirements regulating construction, monitoring, corrective action, and operation of the Facility. The Facility currently consists of six lined inactive waste management units (WMUs) covering 28.33 acres (Phase 1 and II, Cells 1,2,4 and 5) and lined Stage I WMU covering 10.92 acres. Stage II and III WMUs are planned for future expansion and will cover 22.72 and 9.34 acres, respectively.

The Facility is currently regulated by existing Waste Discharge Requirements Orders R5-2016-0058. The tentative WDRs were updated as part of a policy of administrative review, and the proposed order updates the existing WDRs.

RECOMMENDATION:

Adopt the revised Waste Discharge Requirements.

**E. CITY OF PATTERSON, CITY OF PATTERSON WATER QUALITY CONTROL
FACILITY, STANISLAUS COUNTY – CONSIDERATION OF AMENDED WASTE
DISCHARGE REQUIREMENTS ORDER NO. R5-2018-0070**

BACKGROUND:

The City of Patterson (Discharger) owns and operates the Water Quality Control Facility (WQCF) that serves the City of Patterson and the community of Diablo Grande. The WQCF is located at 14901 Poplar Avenue in Stanislaus County. Order R5-2018-0070, adopted by the Central Valley Water Board on 5 October 2018, prescribes waste discharge requirements for the WQCF. Wastewater treated at the WQCF is primarily from residential sources in the City and in the community of Diablo Grande.

The existing facility consists of three separate treatment systems including the North and South Activated Sludge Treatment Systems (NASTS and SASTS respectively) and an advanced integrated pond system (“AIPS”). The different treatment systems have separate flow rate limitations, which seem to be a carry-over from earlier WDRs that had different constituent concentration limits for each of the treatment systems.

Order R5-2018-0070 sets forth incremental flow rate increases based on completion of specific upgrade and expansion projects. The Discharger has completed the first anticipated phase of the project work and has submitted the required report and workplan to indicate the facility’s readiness to treat wastewater at the first increased flow rate.

Board staff proposes to amend the WDRs to allow the increase in flow rate limitations, as was anticipated in the original WDRs. The WDRs will be amended to reflect the capacity change. No changes to the Monitoring and Reporting Program are proposed currently. We are not aware of any unresolved issues.

RECOMMENDATION:

Adopt the amended Waste Discharge Requirements.

F. GLENN COUNTY, GLENN COUNTY CLASS III MUNICIPAL SOLID WASTE LANDFILL, GLENN COUNTY, CONSIDERATION OF REVISED WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2014-0084-01

BACKGROUND:

Glenn County (Discharger) owns and operates the Glenn County Class III Municipal Solid Waste Landfill (Facility), located about approximately five miles west of Artois in Glenn County. The Facility occupies approximately 356 acres of which 193 acres were utilized for waste disposal, and seven acres are permitted for the processing and transfer of waste. There are four parcels with structures and possible domestic, industrial and agricultural supply wells within one mile of the Facility. The Facility has been active since 1972 and was originally operated as trench and fill operation prior to conversion to an area fill landfill in 1990. The Facility was utilized for the disposal of municipal solid waste (MSW) from residential and commercial sources from unincorporated Glenn County, and the communities of Artois, Willows, Orland and Corning.

The Facility consists of a single unlined landfill unit containing approximately 1.82 million cubic yards of waste and daily cover soil. The Facility is now closed and no longer receives waste. The Facility is unlined and has no leachate collection or control system. The current landfill gas collection and control system is comprised of 7,150 linear feet of horizontal gas extraction trenches, which vent to 17 passive gas vents.

The Facility has nine active groundwater monitoring wells. From December 2000 to October 2006, each compliance monitoring well had at least one detection of a volatile organic compound above its respective reporting limit. Between December 2007 and December 2010, Bis(2-ethylhexyl)phthalate was intermittently detected in several wells below the reporting limit, and Di-n-butyl phthalate was detected below the reporting limit in two wells. These two wells also exhibit elevated inorganic constituent concentrations as compared to other site monitoring wells, including chloride, TDS, bicarbonate, magnesium and calcium. Following confirmation that a release to groundwater had occurred, the Discharger elected for closure of the Facility as their method of corrective action. Closure construction began in the summer of 2018 and was completed in October 2020.

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 14 April 2023 with comments due by 15 May 2023. The Central Valley Regional Water Quality Control Board did not receive any comments during the comment period.

RECOMMENDATION:

Adopt the revised Waste Discharge Requirements.

REVIEWS:

Management Review:	Various
Legal Review:	Various

BOARD MEETING LOCATION:

Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

AND VIA VIDEO AND TELECONFERENCE