

INFORMATION SHEET

ORDER R5-201X-XXXX
WILLIAM AND MARTHA SHUBIN TRUSTEES &
BFI WASTE SYSTEMS OF NORTH AMERICA, LLC
POST-CLOSURE MAINTENANCE
CHESTNUT AVENUE LANDFILL
FRESNO COUNTY

William and Martha Shubin Trustees own and BFI waste systems of North America, LLC (a wholly owned subsidiary of Republic Services, Inc.). (hereinafter Discharger) maintains hereinafter referred to jointly as "Discharger", the Chestnut Avenue Landfill (facility) about 10 miles south of the City of Fresno, in Section 12, T16S, R20E, MDB&M. The proposed Order revises the existing WDRs to provide for post-closure maintenance, and to remove the facility from corrective action and place them into Detection Monitoring. The 38.5-acre waste management facility located at 12825 S. Chestnut Avenue, in Fresno, contains one existing unlined waste management unit (WMU) covering approximately 32-acres. The facility accepted waste from 1967 until September 1993. Final closure construction was completed in October 1995.

The waste management facility is located within the Great Valley Geomorphic Province. The Great Valley, near Fresno, is an asymmetrical synclinal trough consisting of more than 1000 feet of shallow marine and non-marine (alluvial, lacustrine, and deltaic) sediments. The shallow subsurface geology at the site consists of interfingering silty sand, silt, and clay beds of fluvial and lacustrine origin.

The first encountered groundwater ranges from about 86 feet to 120 feet below the native ground surface. Groundwater elevations range from about 185 feet MSL to 146 feet MSL. Monitoring data indicate background groundwater quality for first encountered groundwater has electrical conductivity (EC) ranging between 1080 and 1210 micromhos/cm, with total dissolved solids (TDS) ranging between 490 and 780 milligrams per liter (mg/L). The direction of groundwater flow is generally toward the west. The estimated average groundwater gradient is approximately 0.005 feet per foot. The average groundwater velocity is 280 feet per year.

The Waste Discharge Requirements are being revised to provide for post-closure maintenance and review of the Detection Monitoring Program. A groundwater pump and treat system to remediate VOCs was operated from 1992 through 2012 (20 years). As of 2016, no VOCs have been detected in groundwater monitoring since 2009. The Discharger has demonstrated pursuant to Title 27 20430(f) that corrective action has successfully eliminated concentrations of VOCs throughout the entire area affected by the release. Therefore, no corrective action, other than on-going landfill gas extraction as source control, is required by this Order. Due to the on-going drought, many of the detection monitoring wells are currently dry. Therefore, this Order requires the Discharger to re-evaluate the groundwater monitoring network, and propose a revised Detection Monitoring Program, including a Water Quality Protection Standard and Sampling and Analysis Plan.

The Board's rescission of prior waste discharge requirements and/or monitoring and reporting orders does not extinguish any violations that may have occurred during the time those waste discharge requirements or orders were in effect. The Central Valley Water Board reserves the right to take enforcement actions to address violations of prior prohibitions, limitations, specifications, requirements, or provisions of rescinded waste discharge requirements or orders as allowed by law.