

INFORMATION SHEET

WASTE DISCHARGE REQUIREMENTS ORDER R5-2013-XXXX TUOLUMNE COUNTY COMMUNITY RESOURCES AGENCY BIG OAK FLAT (GROVELAND) SANITARY LANDFILL COUNTY OF TUOLUMNE

Background

The Tuolumne County Community Resources Agency (hereafter Discharger) owns and operates the closed Class III Big Oak Flat (Groveland) Sanitary Landfill (Facility) located approximately two miles south of the unincorporated town of Groveland at the end of Merrell Road, in Section 33, T1S, R16E, MDB&M.

The closed Facility is on a 10-acre property that the County of Tuolumne (County) initially leased from the United States Department of the Interior Bureau of Land Management (BLM). The Facility consists of one unlined waste management unit (Unit) covering five acres. The existing landfill Unit began operating in 1965. The Facility operated as a burn dump from 1967 to 1975 and then the Facility was operated as a "canyon fill" landfill. By the end of 2000, the total waste volume was estimated to be 124,863 cubic yards. The Facility ceased accepting waste in May 2001. As corrective action to VOCs found in groundwater, the landfill was capped and closed in accordance with a Final Closure and Post-Closure Maintenance Plan. The County completed installation of the closure cap and cover in late 2002. The County acquired the property from BLM on 14 October 2004.

In August 2005, without prior concurrence from the Central Valley Water Board and revision of the Monitoring and Reporting Program No. R5-2002-0142 the Discharger rehabilitated downgradient groundwater monitoring wells GMW-2 and GMW-3. In the process of rehabilitating the wells the Discharger changed the well configuration e.g. well screen locations, pump depth location, and pump type (high flow to low flow). Following the rehabilitation of GMW-2 and GMW-3 the Discharger in its quarterly monitoring reports reported significant improvement in groundwater quality as many VOCs previously detected in trace values were now undetectable. Furthermore, VOCs reported above the PQL were now only detected intermittently as trace values.

Due to unauthorized changes to the Groundwater Monitoring System the Discharger's detection monitoring program for groundwater monitoring at the landfill does not meet the requirements contained in Title 27 Section 20415(b)(B)(3 thru 5).

Summary of Revisions

On 1 July 2012, the Discharger submitted an amended Report of Waste Discharge (ROWD) for the landfill. The information in the amended ROWD has been used in revising these waste discharge requirements (WDRs). The ROWD contains the applicable information required in Title 27. The ROWD and supporting documents contain information related to this revision of the WDRs including:

- a. Information describing unauthorized changes made by the Discharger to the groundwater monitoring network in 2005 (See Findings 40 thru 45) whereby the Central

Valley Water Board finds the Facility's Detection Monitoring Program (DMP) to be non-compliant with Title 27, CCR, §20415 (b)(1)(B)(3 thru 5) requirements, and

- b. Recommendations by the Discharger to reevaluate the groundwater monitoring network to bring the DMP back into compliance with Title 27 requirements, and
- c. A time schedule describing tasks that the Discharger must perform to evaluate the Water Quality Protection Standard and the Groundwater Monitoring System at the Facility in order to ensure the Facility complies with Title 27 requirements for class III landfills.

vkj:01/31/13