

INFORMATION SHEET

ORDER NO. R5-2013-XXXX
ELK GROVE CLASS III LANDFILL
POST-CLOSURE MAINTENANCE AND CORRECTIVE ACTION
SACRAMENTO COUNTY

The Elk Grove Class III Landfill is a closed solid waste disposal facility located at the corner of Bond Road and Waterman Road in Elk Grove. The landfill, formerly known as the Waterman Disposal Site, was operated by Independent Disposal Service for approximately 17 years ending in 1978, at which time the site was deactivated after having received approximately 930,000 cubic yards of waste. The closed landfill is owned by the County of Sacramento (the Discharger).

The landfill received final closure in 1992. The landfill closure consisted of installation of a landfill gas extraction system and the placement of final cover that includes a two foot thick foundation layer, a one foot thick low permeability layer, a vapor barrier, and a one foot thick soil cover with vegetation sloped at a minimum three percent. The landfill gas extraction system has operated since 1993.

The landfill is located immediately adjacent to Laguna Creek, and is underlain by an aquifer at a depth of approximately 80 feet below ground surface. Groundwater investigation and corrective action requirements began in 1999 with the adoption of WDRs Order No. 99-104 and continued under Order No. R5-2003-0046 to address low levels of volatile organic compounds (VOCs) in the groundwater. The Discharger's proposed Corrective Action Program was approved in Order No. R5-2003-0046 and included groundwater extraction and treatment with reinjection into the unsaturated zone, injection of Hydrogen Release Compound (HRC[®])/groundwater mixture into the groundwater for in-situ treatment of VOCs, and operation of the landfill gas system to control the source area in the landfill. The corrective action efforts have reduced or eliminated VOCs in some of the impacted monitoring wells; however, groundwater impacts are still present in other monitoring wells. This Order includes a time schedule to continue corrective action to address the remaining impacts.

Surface water drainage from the site is to Laguna Creek, then to Morrison Creek, and then to the Sacramento-San Joaquin Delta at Snodgrass Slough.

WLB