

## INFORMATION SHEET

ORDER NO.  
CITY OF FOLSOM  
FOLSOM CORPORATION YARD LANDFILL  
SACRAMENTO COUNTY

The 3.2-acre Folsom Corporation Yard Landfill is a closed, Class III landfill on Leidesdorff Street near Lake Natoma in the City of Folsom. The unlined landfill was constructed in the ponds of the City's former wastewater treatment plant, which was demolished in 1973. The landfill operated from 1974 until 1987, accepting primarily street cleaning wastes, construction and demolition debris, and green wastes from City owned and/or operated facilities. The landfill stopped accepting wastes in 1987 and in 1996 was closed with a cover containing a low permeability clay layer in accordance with Chapter 15 (now Title 27), California Code of Regulations. A 1990 Solid Waste Assessment Test (SWAT) found elevated concentrations of general minerals and some dissolved metals in shallow groundwater at the site. Monitoring since landfill closure in 1996 has confirmed impacts to shallow groundwater from the landfill, including, for example, elevated total dissolved solids (634 mg/L), arsenic (20 µg/L) and dissolved iron (14,000 µg/L). Volatile organic compounds (VOCs), primarily methyl tert-butyl ether (MTBE, up to 20 µg/L) and low to trace concentrations of a few other VOCs have also been detected in a few wells.

To address the impacts to groundwater, and reduce postclosure monitoring costs, the Discharger is proposing to clean close the landfill and an adjacent 1.1-acre unclassified fill area (UFA) immediately south of the landfill. The Discharger's clean closure plan proposes that the landfill be closed in three phases, beginning with the UFA and proceeding northward with the lower and upper landfill deck areas. After excavation, the waste will be stockpiled onsite, sorted, and characterized for recycling or offsite disposal. While the Discharger expects to complete the project in the 2008 construction season, the plan includes contingency winterization measures in the event that construction extends into the wet season.

These WDRs incorporate the Discharger's clean closure plan and prescribe requirements for the project as a corrective action measure in accordance with Title 27 regulations. Discharge specifications specify cleanup goals for removal of landfill wastes and limit the amount of time any waste can remain onsite pending offsite disposal. The WDRs also require the Discharger to obtain coverage under the General Storm Water Permit and implement winterization measures to protect landfill facilities during the wet season. The WDRs also require that the Discharger provide updated cost estimates and financial assurances for any necessary cover repairs in the event the project is suspended for a significant period of time, or is not completed; and any additional corrective action that may ultimately be necessary to achieve compliance with the Water Quality Protection Standard (WQPS) The Discharger must provide these financial assurances in approved amounts and in an acceptable mechanism under Title 27. The WDRs (Construction Specification C.6) further require

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that all clean closure construction activity be completed by 15 October 2009.

The monitoring and reporting program (MRP) in the WDRs specifies the WQPS, including concentration limits for groundwater cleanup derived from statistical analysis of historical background data at the site. The MRP requires semiannual groundwater monitoring for regularly detected constituents, including field parameters, general minerals, and specified dissolved metals (arsenic and iron); and annual monitoring for less frequently detected constituents, including VOCs, major anions and cations, and a longer list of dissolved metals. The MRP also has a proof period during which the Discharger must demonstrate compliance with the WQPS prior to termination of corrective action measures. The minimum proof period is one year and must include at least eight regular sampling events. The MRP also specifies a three-year compliance period (which may include the proof period) for demonstrating compliance with the WQPS prior to termination of monitoring.

Surface drainage in the site area is toward Lake Natoma, a part of the American River and tributary to the Sacramento River.