

## **INFORMATION SHEET**

ORDER NO.  
COUNTY OF PLACER DEPARTMENT OF FACILITY SERVICES  
MEADOW VISTA LANDFILL  
PLACER COUNTY

The eight-acre Meadow Vista Landfill is a closed, Class III landfill on Combie Road two miles north of the community of Meadow Vista. The unlined landfill operated from the mid-1960s to 1983, accepting primarily household wastes. The landfill stopped accepting wastes in 1983 and in 1997 was closed as a corrective action measure to address leachate seeps and groundwater impacts historically detected at the landfill. The groundwater impacts included low concentrations of benzene-related volatile organic compounds (VOCs) and elevated concentrations of inorganic constituents. Closure activities also included the installation of facilities to control leachate, landfill gas, and precipitation and drainage.

Monitoring results show a moderate decline in the concentrations of most VOCs detected in groundwater since landfill closure, while the concentrations of inorganic constituents have not significantly changed. One VOC, benzene (0.6 µg/L), remains above its water quality objective (California Public Health Goal, 0.15 µg/L), and several inorganic constituents, including total dissolved solids (580 mg/L), sulfate (420 mg/L), and dissolved iron (22 mg/L), remain above their respective secondary drinking water standards (500 mg/L, 250 mg/L, and 0.3 mg/L). Groundwater pH (5.1) also remains below background levels.

These WDRs prescribe updated requirements for post-closure maintenance and corrective action for the landfill. Provision G.6 of the WDRs requires that the Discharger update the Post-Closure Maintenance Plan consistent with the revised WDRs and Monitoring and Reporting Program (MRP), including updated cost estimates for post-closure maintenance, monitoring, and anticipated corrective action measures. The WDRs require that the updated plan be submitted to the Regional Board for approval by **31 October 2007**. Provisions G.7 and G.8 require that the Discharger obtain and maintain financial assurances for post-closure maintenance and corrective action in the amount of the approved cost estimates, and that the financial assurance mechanisms be acceptable to the California Integrated Waste Management Board (CIWMB). Specification C.6 requires that the Discharger conduct an aerial topographic survey of the site by **30 November 2007** and at least every five years thereafter. The MRP requires semiannual groundwater monitoring for field parameters, VOCs and general minerals; annual monitoring for major anions and cations; monitoring every two years for dissolved metals; and monitoring every five years for a broad list of additional constituents. The next five-year monitoring event is required to be conducted by **30 November 2007**.

Surface drainage in the area is to an intermittent drainage course upstream of Lake Combie, part of the Bear River and tributary to the Feather and Sacramento Rivers.