



California Regional Water Quality Control Board

Central Valley Region

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22 April 2005

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REVIEW OF SITE CHARACTERIZATION REPORT, FINGER SANITARY LANDFILL, PLACER COUNTY

I have reviewed EBA Engineering's 27 January 2005 *Site Characterization Report* for the Finger Sanitary Landfill in Roseville. The report presents the results of a site characterization investigation performed at the landfill to fulfill requirements set forth in Term No. 5(d) of the 27 June 2003 Stipulated Final Judgment. The work entailed investigating the nature and extent of groundwater impacts at the site and was conducted in accordance with the Site Characterization Work Plan which we approved on 20 November 2003.

Two additional monitoring wells (GW-5 and GW-6) were installed during the investigation to further characterize releases from the landfill. The shallowest water-bearing zone was encountered between depths of approximately 126 and 140 feet below ground surface. Perched groundwater was not encountered. Volatile organic compounds (VOCs) were not detected in GW-5 or GW-6 during this investigation. However, several VOCs were detected in the other groundwater monitoring wells during this investigation and during prior quarterly monitoring events. Carbon Tetrachloride was detected at 1.3 ug/l in GW-1, and Dichlorodifluoromethane was detected in GW-3 and GW-4 and concentrations of 2.5 ug/l and 0.69 ug/l, respectively. These concentrations are generally consistent with historical trends. The concentrations of sulfate and total dissolved solids in GW-5 and chloride in GW-6 were slightly higher than background concentrations. Landfill gas samples obtained from Groundwater Monitoring Well GW-2, which is dry, contained trace methane (0.00017 percent by volume) and trace to low gas-phase concentrations of five VOCs. The report concludes that the current groundwater monitoring network, with the addition of Monitoring Wells GW-5 and GW-6, adequately characterizes the lateral and vertical extent of the release.

Based on the available data and the information contained in the report, we concur that the lateral and vertical extent of the release has been adequately characterized at this time. Please continue to comply with the requirements set forth in the Stipulated Final Judgment including 1) ongoing submittal of annual compliance reports every January 2) continued payment of past due fees (through 2008) and 3) continued compliance with Waste Discharge Requirements Order No. 89-115 and the accompanying Monitoring and Reporting Program. We will continue to evaluate trends in groundwater quality and assess the need to implement corrective action measures.

If you have any questions, I can be reached at (916) 464-4736.

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