

INFORMATION SHEET

EL DORADO COUNTY
UNION MINE LANDFILL
CLASS II LANDFILL, CLOSED CLASS III LANDFILL
AND CLASS II SURFACE IMPOUNDMENT
OPERATION, CLOSURE AND POST-CLOSURE MAINTENANCE
EL DORADO COUNTY

El Dorado County (Discharger) owns and operates the Union Mine Landfill. The landfill facility includes Class II and Class III landfills and a Class II surface impoundment. A wastewater treatment plant with wastewater spray fields is also located on the property and is regulated under separate waste discharge requirements (WDRs).

The Class III landfill is unlined and inactive. Final cover has been placed on 19.5 acres of the Class III landfill and 15.8 acres remains to be closed. The Regional Board approved an engineered alternative final cover in previous WDRs for use of a geosynthetic clay liner (GCL) in place of one-foot of clay barrier soil. The Discharger closed 14.6 acres of the Class III landfill using the engineered alternative and 4.9 acres using a prescriptive final cover. 15.8 acres of the Class III landfill remain to be closed and currently have interim cover. The Discharger proposed to close the remaining 15.8 acres of the Class III landfill using a different engineered alternative final cover that includes a 60-mil geomembrane in place of the GCL layer. This Order approves that engineered alternative. These WDRs require the submittal of a Final Closure Plan for the remaining unclosed portion of the Class III landfill, and require the completion of closure during 2006.

Most of the County's solid wastes are currently exported out of the county. The Class II landfill is currently used on an as needed or contingent basis, and since 1997, has only received solid waste from the on-site offices and sludge generated from the on-site Leachate/Septage Treatment Facility. Leachate from the Class II landfill drains to the lined Class II surface impoundment for storage. Leachate from the Class III landfill is also collected at a toe drain and discharged to the Class II surface impoundment.

Surface water drainage is to Martinez Creek. Martinez Creek is tributary to the North Fork Cosumnes River, which is tributary to the Cosumnes River, thence to the Sacramento-San Joaquin Delta.

3 January 2006

WLB