On-site bioremediation of diesel-contaminated soil (Commerce, California)

Lindmark Engineering designed and prepared a soil excavation and remediation plan for 3,000 cubic yards of highly diesel-contaminated soil at an industrial facility and then fully implemented the remediation.

In order to access the contaminated soil, we designed and specified excavation slopes, access ramps, and a shoring system. The contaminated soil was transported within the property to a 300- by 300-foot bioremediation cell covered with an impermeable membrane. Moisture, nutrients, and bacteria were supplied to the cell over a six-month period. After treatment, the soil in the cell contained less than 100 mg/kg of diesel fuel and no detectable levels of aromatics, which permitted site closure through the Los Angeles County Department of Public Works. *Client: Federal Paper Board Company*

For more information on this project, please contact Lindmark Engineering at (818) 707-6100 or ulf.lindmark@efiglobal.com.