
Excavation by large-diameter auger of diesel-contaminated soil (Santa Monica, California)

After a sudden loss of diesel product from an emergency generator system, Lindmark Engineering performed a site assessment and soil remediation. The release had occurred in a narrow greenbelt between a freeway and a municipal building, resulting in very limited access. We were able to assess the spill, remove the tank, and implement an emergency excavation plan to drill out and remove the contaminated soil to a depth of 45 feet—all within a four-month time frame.

We remediated the site by drilling twelve 6-foot-diameter borings to 45 feet and backfilling the excavation with a specially designed sand-cement slurry mix. After remediation, we carried out verification drilling and groundwater monitoring to obtain site closure, and we installed a new double-walled underground storage tank. *Client: City of Santa Monica*

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