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## Soil & groundwater investigation & PCE remediation under well investigation program (Los Angeles, California)

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Lindmark Engineering performed a Phase I Site Assessment including a facility audit, followed by a soil-gas and subsurface investigation, at an aircraft component manufacturing company. The property is located in the Glendale South Operable Unit of the San Fernando Valley Superfund site, an area known in general to have many sources contributing to overall poor water quality.

Initially we identified and sampled areas of potential environmental concern, finding chlorinated solvents in both soil and groundwater. We then installed groundwater monitoring wells, prepared a work plan for soil remediation and groundwater monitoring that was approved by the California Regional Water Quality Control Board, conducted field pilot testing, and prepared a remedial action plan, which was also approved by the Water Board. After designing and installing the vapor extraction system, including wells, underground piping, and an activated carbon system for polishing/scrubbing vapors, we began the remediation portion of the project. After approximately 885 pounds of PCE (tetrachloroethene) had been removed, and when remediation appeared complete, we conducted rebound testing to ensure that no remnants of unextracted contaminants remained. We then prepared a closure report, and the Water Board ultimately granted site closure with no further action required. The project was completed for \$430,000.

*Client: EEMCO/Datron*

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