



### SCOPE OF PROJECT

In 1989, free product was observed at the site. A groundwater recovery and treatment system was installed and operated with limited success. In December 1999, BARKER LEMAR was retained to complete a risk-based corrective action (RBCA) assessment and free product was once again observed.

### IMPLEMENTATION

A free product recovery and assessment report was completed with recommendations to install a soil vapor extraction (SVE) system to remove free product from the subsurface. Monthly free product monitoring and reporting has been performed since 2000. An SVE system was installed at the site in April 2001. To monitor system effectiveness, a mass tracking system was utilized to monitor the volume of hydrocarbon mass removed by the system. This allowed the effectiveness of system modifications to be analyzed and cost/benefit evaluations to be performed instantaneously.



### SERVICES

Environmental assessment; monthly monitoring; free product recovery and assessment report; system design, installation, operation and maintenance, monitoring, and reporting.



### TIMELINE

Project Start Date: December 1999  
Project Completed: System was shutdown in 2003.  
Post-active corrective action; monitoring is on-going.