

Project Name:	Mikes Country Store
Project Location:	Thibodaux, Louisiana
Project Completion Date:	Ongoing
Project Duration:	November 1997 - Present
Project Value:	\$200,000
Client Name:	Mikes Country Store
Client Contact:	Mr. Mike Delatte
Client Phone Number:	(504) 633-9902
Technology Utilized:	Pump And Treat With Soil Vapor Extraction

Site Investigation

The initial site investigation work was performed prior to the involvement of SEMS in November 1994 and included the installation of five monitoring wells (MW-1 through MW-5). SEMS was contracted by Mr. Delatte in November 1997. Additional investigation was performed by SEMS in January 1998 which included the installation of one soil boring/monitoring well (MW-6).

RECAP Evaluation

A RECAP Evaluation was not performed at this site since the Corrective Action Plan was approved by the Louisiana Department of Environmental Quality prior to implementation of RECAP.

Corrective Action Plan

A Corrective Action Plan (CAP) was prepared for the site to address soil and groundwater impacted with gasoline constituents. The CAP was submitted to the LDEQ in February 1998. The CAP detailed the remedial technology of pump and treat with soil vapor extraction. The LDEQ approved the CAP in May, 1998.

Remedial System Installation and Startup

In August 1998, SEMS personnel performed remedial system installation activities which included concrete saw cutting, concrete removal, trench excavation, installation of subsurface lines, backfilling of the trenches, concrete replacement, and remedial system pad construction.

The remedial system was constructed by Ejector Systems. The remedial system is building enclosed and includes a two horsepower SVE unit with condensation tank, oil/water separator, air stripper, discharge pump, air compressor, and telemetry system. Submersible pumps were installed in wells MW-4 and MW-5 and are pneumatic, total fluids pumps.

Startup of the remedial system was performed on November 18, 1998.

Remediation Progress

Due to dissolved hydrocarbon concentrations below LDEQ no further action levels, the remedial system was shut down on March 27, 2001. A request for no further action will be made at the end of 2001 if dissolved hydrocarbon concentrations remain below no further action levels.