

Project Name:	Groundwater and soil Treatment
Project Location:	Metairie, Louisiana
Project Duration:	August 1995
Project Duration:	15 months
Project Value:	\$180,000
Client Name:	E-Z Serve Management Company
Client Contact:	Mr. Brian Cobb
Client Phone Number:	(713) 684-4300
Technology Utilized:	Dual Phase Extraction

Project Description

The subject was a retail store that sold gasoline. Due to several releases from the underground storage tank system, the Louisiana Department of Environmental Quality (LDEQ) requested E-Z Serve to implement corrective action. SEMS was contracted by E-Z Serve to prepare a Corrective Action Plan and to implement corrective action following approval of the selected remedial technology by the LDEQ. SEMS recommended the remedial technology of Dual Phase Extraction using a Lampson Turbotron Exhauster. Following approval of the remedial technology by the LDEQ, SEMS completed the system design and ordered the system. Prior to receipt of the system, subsurface piping was installed and recovery wells were retrofitted. Upon system completion, the system was installed and startup was performed. Fluids and vapors were initially removed from eight recovery wells. The fluids and vapors were transported from the recovery wells to the remedial system. The remedial system was equipped with a vapor/liquid knockout tank, liquid ring vacuum pump, oil/water separator, air stripper, and necessary pumps, controls, gauges, flow meter fittings, etc. The system was shut down following operation for a period of 15 months. During the operation period, the system run time was approximately 96 percent.