

Project Name:	EZ-Serve 2011
Project Location:	Hammond, Louisiana
Project Completion Date:	October 2001
Project Duration:	3 Weeks
Project Value:	\$225,000
Client Name:	E-Z Serve Management Company
Client Contact:	Mr. Dan Waters
Client Phone Number:	(919) 384-9888
Technology Utilized:	Excavation/Transportation/ Disposal

Project Description

The project site formerly operated as a gas station/convenience store. The structures had been dismantled and the storage tanks had been removed. During the removal of the USTs, it was confirmed that soil contamination was present below 12'. SEMS was contracted by EZ-Serve to complete the remediation activities at the site. Existing monitoring wells and direct push sampling provided data to determine the lateral extent of the excavation. Additionally, the data provided an indication of the vertical limits.

Approximately 6,000 cubic yards of overburden soils were excavated, field screened with aPID, and stockpiled. Approximately 2,100 cubic yards of soils were excavated from a depth of 12' to 17' bgs, stockpiled, loaded out and transported to a non-hazardous landfill.

Approximately 1,650 cubic yards of sand was imported to replace the volume of soil sent off site. The sand was placed in the bottom of the excavation in 8" loose lifts and compacted to 98% of maximum density. Once the sand was placed, the previously excavated and stockpiled overburden material was returned to the excavation area. As with the sand, the soil was placed in 8" loose lifts with a specified compaction of 95%. Seven density tests were completed for each of 13 lifts. All 91 tests confirmed compaction results in excess of 98%.

The project was completed ahead of original schedule, even with an increase in actual volume of material sent off site.