



MPE, DPE, AND SVE COMBINATION REMEDATION SYSTEM CONSTRUCTION

FORMER DRY CLEANING FACILITY CENTRAL INDIANA

Client: Private Consultant

Contaminants: Chlorinated Hydrocarbons-DNAPL & Petro. Based Hydrocarbons

Impacted Matrix: Saturated Soils and Ground Water

Project Specifics: SE SCIENCES was contracted to provide conceptual design and facilitate the construction of a Multi-Phase Extraction (MPE), Dual-Phase Extraction (DPE), and Soil Vapor Extraction (SVE) combination remediation unit.

SE SCIENCES personnel constructed a “turn-key” unit with the following components:

- Full Remote Monitoring and Operation
- Interactive Graphic Touch Screen Controls
- Entire Chemical Resistant Construction
Stainless Steel, Carbon Steel, Viton, Teflon
- 30 hp SVE & DPE Blower Package
VFD Control, Independent Acoustical Enclosure
- 20 hp MPE Blower Package
VFD Control, Independent Acoustical Enclosure
- DNAPL Separator (Stainless Steel)
- Transfer Pumps (Stainless Steel)
- Flow Meters (Stainless Steel)
- Air Tray Stripper (Stainless Steel)
- (10) Pneumatic Submersible Pumps
- 7.5 hp Reciprocating Air Compressor

Current Site Status:
Full Scale Implementation

