



DUAL PHASE EXTRACTION PILOT STUDY ACTIVITIES

RETAIL GASOLINE STATION MONTICELLO, INDIANA

Client: Private Consulting Firm

Contaminants: BTEX/MTBE and SVOC's

Impacted Matrix: Soil and Ground Water

Scope of Work: DPE Pilot Study with Hydrogeological Evaluation and Limited Modeling.

Project Specifics: SE SCIENCES was contracted to access whether or not site conditions were favorable for petroleum hydrocarbon reduction and free product recovery utilizing DPE remedial technologies.

SE SCIENCES provided design, implementation, and interpretation of testing activities; working in conjunction with contracting consultant personnel.

Pilot study activities generated the following site specific technology evaluation and modeling criteria: hydraulic conductivity values, transmissivity values, storativity values, effective porosity, air flow rates, vacuum levels, radius of capture, pore volume extraction vs. time trend, air emission discharge calculations.

Current Site Status: Full Scale Corrective Action

