

SOIL VAPOR EXTRACTION/ AIR SPARGE REMEDIATION SYSTEM CONSTRUCTION

FORMER FUELING TERMINAL COLUMBUS INDIANA

Client: Private Consulting Firm

Contaminants: BTEX and Chlorinated Hydrocarbons

Impacted Matrix: Soil and Ground Water

Scope of Work: Soil Vapor Extraction (SVE)/ Air Sparge (AS) System Design and

Construction

Project Specifics: SESCIENCES was contracted to provide conceptual design and facilitate the construction of a mobile SVE/AS remediation unit.

SESCIENCES personnel constructed a "turn-key" SVE/AS unit with the following capabilities:

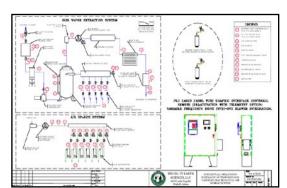
SVE: 400 ICFM @ 14.0 INCHES OF MERCURY COLUMN

AS: 95 ICFM @ 22 PSI

- 20 hp PD Blower
- Variable Freq. Drive
- Vacuum Transducer
- 10 hp Rotary Vane
- Dual Floor Sumps
- m1 . 0 . 1 134

- (5) SVE Inlet Manifold
- A / W Separator
- GAC Polishing Unit
- (7) AS Outlet Manifold
- Pressure Transducer
- Telemetry Control and Monitoring

Graphic Touch Screen Controls and Operations w/ Fault Display





Current Site Status: Full Scale Corrective Action