

Complex Guaranteed ISTR Remediation

Pohatcong, New Jersey

Contract Value

- \$23 Million

Project Years

- 2019 to 2022

Guaranteed Remediation

- Technology: thermal conduction heating (TCH)
- Active building and significant constraints
- Goals: 90°C and 1 mg/kg trichloroethene (TCE)

Site Characteristics

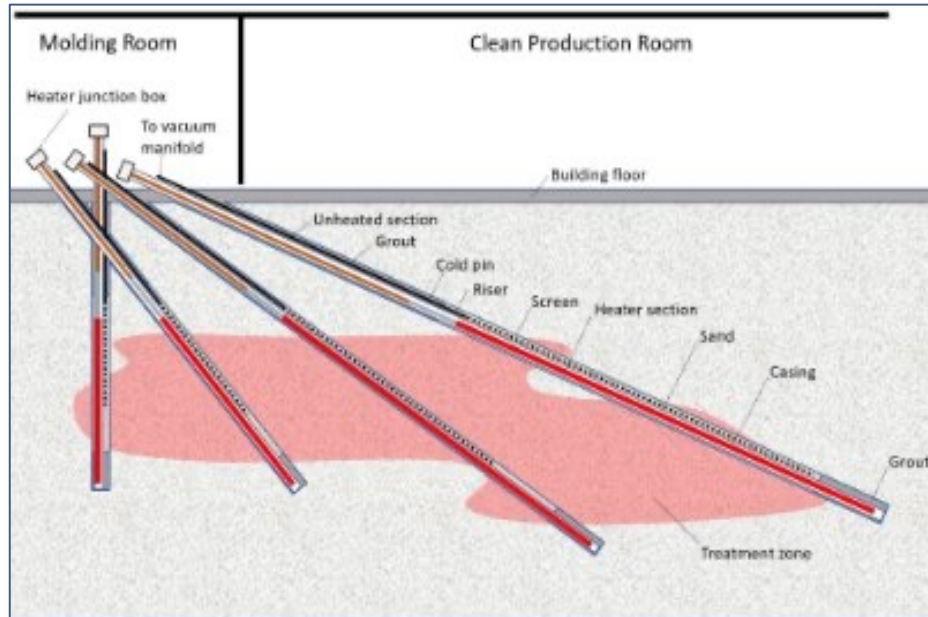
- Treatment volume: 28,000 yd³
- Glacial till with cobbles
- Estimated mass: 274 lbs

Operations

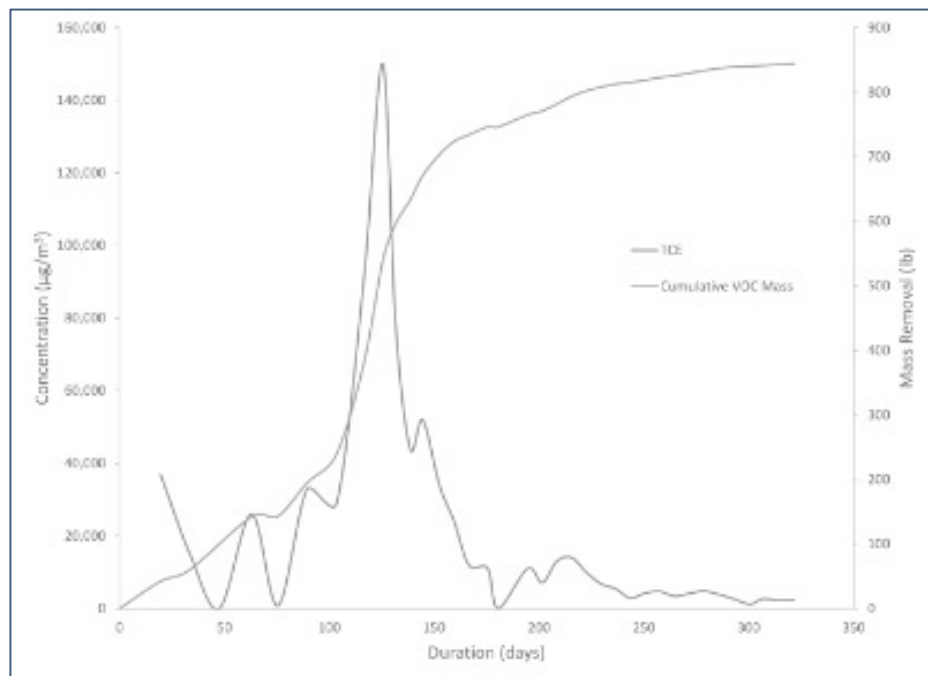
- Accelerated schedule
- Five miles of heating infrastructure
- 179 heaters with co-located vapor recovery

Results

- Max soil concentration: 0.081 mg/kg
- 853 lbs of TCE removed



In Situ Remediation with Highly Angled Heater Design



Summary with Vapor Concentrations & Cumulative Mass