

ERH Remediation of TCE in Soil at Superfund Site

Evesham Township, New Jersey

Remediation Goals

- Reduced to less than 1 milligram per kilogram (mg/kg) in soil

Site Characteristics

- Treatment volume of 61,500 cubic yards

System Construction

- 210 electrodes installed 29-46 feet below ground surface (bgs)
- Drilling method changed to mud rotary mid-drilling due to subsurface conditions
- Level B PPE worn during periods of site construction

Operations

- 8,715,199 kilowatt hours (kWh) of energy
- Average maximum weekly subsurface temperature of 96.29°C

Results

- Less than 1 mg/kg for TCE reached on 571 soil samples



Aerial View



Site Drilling