



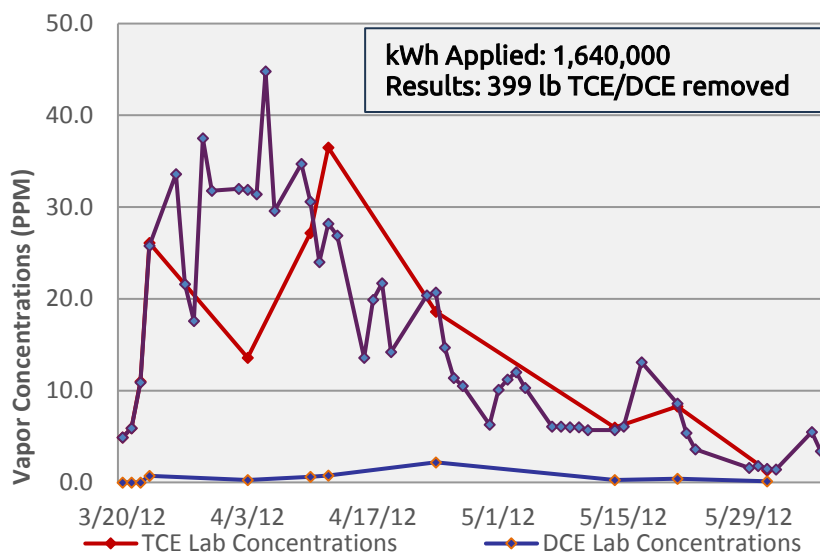
TRS Group, Inc.
Accelerating Value

Electrical Resistance Heating in 90ft Bedrock Sequence

Eastern Pennsylvania



ERH electrode field construction



TCE and DCE vapor concentrations over time

Remediation Goals

- 483 lbs VOC removal or 1,640,000 kWh applied

Site Characteristics

- Treatment volume: 11,100 yd³
- Vadose & saturated zone: sand and clay over sandstone bedrock sequence
- Baseline concentrations
 - 46,000 µg/L TCE in water
 - 527 mg/kg TCE in soil

Operations

- Treatment adjacent to active manufacturing facility
- Total run time: 91 days
- Industry first: treatment of CVOCs in 90-ft thick bedrock layer
- 1,640,000 kWh applied

Results

- Soil: Removed 399 lb of TCE
- Groundwater: 99.9% concentration reduction

**Safe. Fast. Certain.
Guaranteed.**

An Employee Owned Company

Contact TRS Group:
Mark Kluger
VP Sales & Marketing
302-655-6651

For more information
and other project examples,
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