



TRS Group
International

Electrical Resistance Heating of Chlorinated Solvents in Groundwater - Belgium



Equipment Compound and Electrode Layout

Guaranteed Fixed Price Remediation

Goal: Reduce to 5% of solubility values of PCE, TCE, cis-DCE and VC. Remove DNAPL.

Site Characteristics

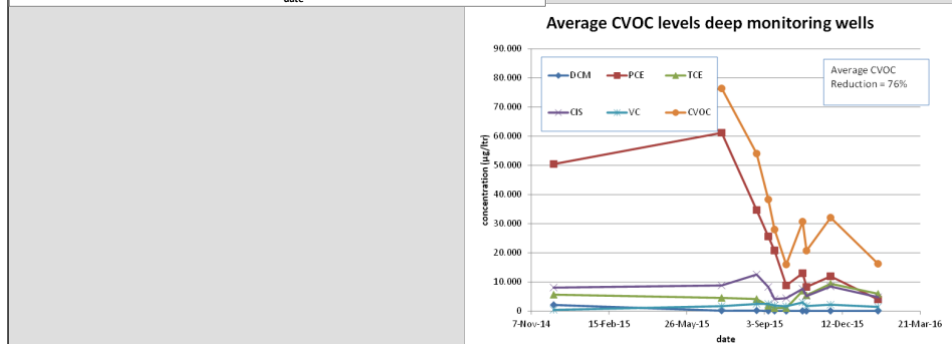
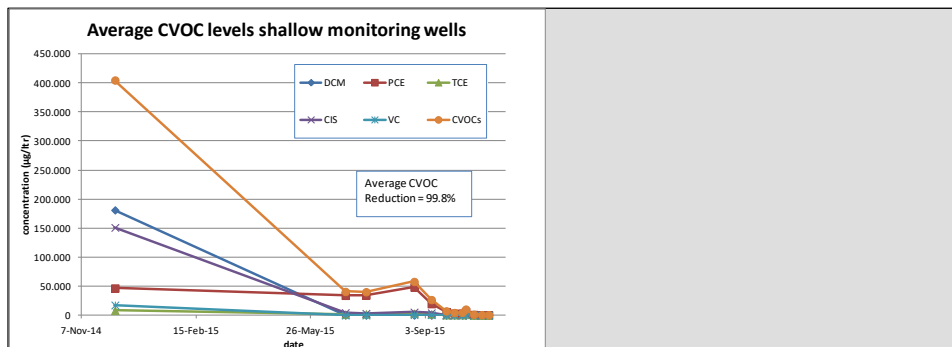
- Treatment volume: 12.200 m³
- Heterogeneous clay followed by coarse sand
- Combined sheet pile and bored electrodes
- Robust vapor treatment system

Operations

- Total run time: 215 days
- Average temperature: 99°C

Results

- All but one deep (added) well met <5% PCE solubility
- 99, 8% reduction in shallow wells; 78% reduction deep wells (due to undected high gw flow)
- 27 tons CVOC DNAPL removed



Groundwater Results by Concentration in Shallow/Deep Wells

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

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