

Extended Soil and Groundwater Investigation and Remediation at an Industrial Site in central Poland



At a Glance...

Client:	confidential
Project Budget:	confidential
Duration:	2008 - 2013

ERM Services provided

- Health and Safety Program
- Data evaluation
- Remedial cost estimate
- Waste management
- Project management, reporting
- Extensive investigation and delineation of soil,
- Soil vapor and groundwater contamination
- Membrane Interface Probe Investigation
- Modified Waterloo Profiler Investigation
- Passive Soil Gas Survey
- Onsite Mobile Laboratory

Key challenges

The industrial site in central Poland was subject to extensive soil, soil vapor and groundwater investigations. The investigations revealed significant chlorinated volatile organic compounds (CVOC) contamination and gas works contaminants including polycyclic aromatic hydrocarbons (PAHs), mononuclear aromatic hydrocarbons (BTEX), Phenols and Cyanides in the soil, soil gas and groundwater.

Moreover detailed investigation included: indoor air sampling, well upgrade, sewer sampling, passive soil gas survey investigation and Waterloo Profiler investigation.

The data was evaluated as the basis for planning further remedial activities on the site, such as soil excavation with waste management, pump & treat groundwater remediation, active and passive soil vapor treatment and in-situ chemical oxidation.