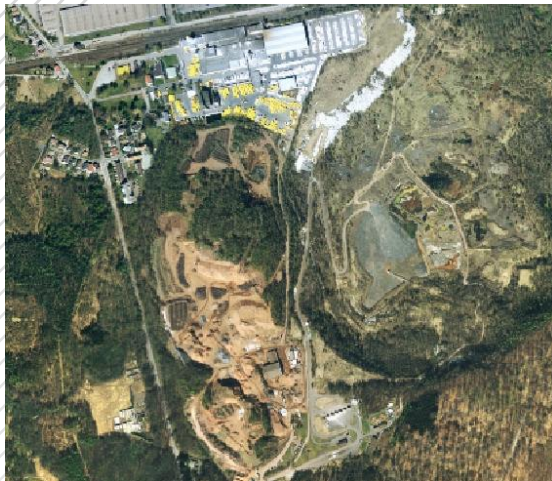


Xella Porenbeton GmbH



Project Description:

- The former petroleum and paraffin facility caused significant subsoil contamination by TPH, PAH, BTEX, cyanides and phenols
- Groundwater story structure with complex hydraulic settings
- The site will be industrially used also in future (production of foam mortar)

HPC Performance:

- Investigation of contamination (soil and groundwater)
- Groundwater remediation tests (pump & treat, oil skimming)
- Groundwater monitoring
- Groundwater containment (sheet piling with groundwater treatment)
- Substance flow modeling
- Remediation concept for sewer system
- Concept for remediation of contamination and of containment
- Management with authorities
- Approval licensing
- Construction management and supervision for sewer remediation and surface sealing of 70,000 m²

Client Benefit:

- Long-term securing of site
- Reliable basis for decisions
- Legal reliability and long-term reliability of planning and cost

Project Name:

Messel contamination (former petroleum and paraffin facility of Messel, Messel pit)

Country:

Germany

Project Location:

Messel near Darmstadt

Client:

Xella Porenbeton GmbH (former Ytong)
Am Bahnhof
64409 Messel

Contact:

Mr. U. Schneider
06159 59101

Contract Volume:

550.000 €

Project Duration:

August 2005 – August 2007

Fields of Service:

- Investigation of contaminated land
- Risk assessment
- Remediation planning
- Coordination of approval permits
- Environmental consulting

Project Data:

- Until 1955: Petroleum and paraffin facility of Messel (contamination of approx. 6 ha)
- Since 1960: Ytong Porenbeton AG (Since 2003, Ytong has been renamed Xella Porenbeton GmbH)