

# Long-term monitoring industrial tailing pond Lengenfeld

C&E · Consulting und  
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**Objective:** Installation of the necessary measuring equipment and realisation of the long-term monitoring for the industrial tailing pond Lengenfeld in the area of surface water, leachate and ground water as well as settling monitoring as a proof of effectiveness of the remediation activities.

**Location:** Lengenfeld

**Client:** GVV GmbH

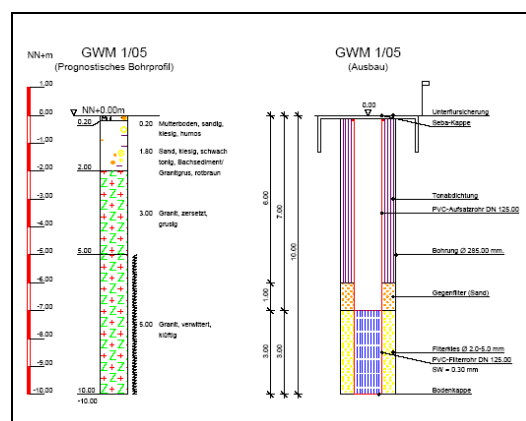
**Beneficiary:**  
GVV GmbH

**Year:** 2005-2007

**Budget:** 32.000 €

## Initial situation:

From 2002 to 2004 under the construction management of C&E there were carried out following tasks: remediation of the industrial tailing pond, realisation of the preconstruction monitoring as well as concept development for the long-term monitoring including the coordination with the authorities involved. Starting from the year 2005 the technical requirements for the long-term monitoring have been created and the first sampling champagnes have been carried out.



## Services provided:

- Construction of 6 groundwater measuring points and settlement levels
- Technical equipment of the leachate measuring points for the continuous quantity measurements
- Monthly/quarterly sampling and analytic
- Documentation and development of passport of measuring point
- Evaluation of annual report