

**Geotechnical self-supervision for
final remediation of the dump
Beerwalde/Thuringia
Self-monitoring
Sealing layer and final covering**

C&E · Consulting und
Engineering GmbH



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Objective: Geotechnical self-supervision and technical assistance for the final remediation of the dump Beerwalde

Location: Beerwalde

Client: WISMUT GmbH
Chemnitz

Beneficiary: WISMUT GmbH
Chemnitz

Year: 1999 - 2004

Area: approx. 35 ha

Contract amount: 210.000 €

Services provided:

- Preparation of test fields for determination of application technology of sealing and storage layers
- Investigation of geotechnical suitability parameters and realisation of tests on suitability, installation of geotechnical field laboratory
- Self-monitoring during the application of sealing layer and final covering
- Updating of quality securing program
- Realisation of geotechnical self-monitoring during the total remediation period
- Assistance by extraction of the relevant covering material for sealing and storage layers during the dismantling



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Objective: Geotechnical self-supervision and technical assistance for the final remediation of the dump Beerwalde

Location: Dresden - Gittersee

Client: WISMUT GmbH

Year: 2000-2005

Area: approx. 11 ha

Contract amount: 120.000 €

Services provided:

- Material selection for sealing layer, base sealing and total covering
- Realisation and assistance for test fields incl. derivation of representative characteristics
- Self-monitoring during the application of sealing layer, base sealing and final covering
- Updating of quality securing program
- Realisation of geotechnical self-monitoring during the total remediation period
- Investigation of geotechnical suitability parameters and realisation of tests on suitability of the planned covering material

