

**Geotechnical self-monitoring of
the final remediation measures of
a tailings dam Gittersee
Self-monitoring of sealing layer, bottom
sealing, final covering**

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Objective: Geotechnical self-monitoring of final remediation measures of a tailings dam Gittersee

Location: Dresden - Gittersee

Client: WISMUT GmbH

Year: 2000-2005

Area: approx. 11 ha

Project budget: 120 T€

Initial situation:

- Material selection for the sealing layer, base sealing and final covering
- Implementation and monitoring of the trial field with derivation of representative figures
- Self-monitoring at construction of sealing layer, base sealing and storage layer
- Updating of quality securing program
- Implementation of geotechnical self-monitoring while the total remediation period
- Determination of the geotechnical suitability parameters and implementation of suitability tests on the designated cover material

