

Intermediate covering, contouring and final covering of IAA Trünzig

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Objective: Protection of a tailing surface area against unallowable blasting exposition, stabilisation of system by contouring of dams and plateaus and reduction of a pollutant discharge as well as recultivation and subsequent use affected by final covering

Location: Seelingstädt /
Thüringen/Germany

Client: WISMUT GmbH

Beneficiary: WISMUT GmbH

Duration: since 1997

Invest:

Intermediate covering: 13.90 Mill. Euro
Contouring contract section I-III: 36.30 Mill. Euro
Final covering: 20.00 Mill. Euro



Initial situation:

Due to settlement of industrial tailings pond area Trünzig (ca 117 ha) it is necessary to reduce the pollutant discharges by way of air and water pathways. This will be achieved by an intermediate covering of exposed tailings surface area. The stability of a dam-installation and its potential covering is not guaranteed to the full extent for a long time, what is required for the contouring of tailings pond. For the sustainable remediation and subsequent use it is obligatory necessary a final covering of the surface area.

Scope of Services:



- On-site building inspection §57 HOAI
- Planning phases according to HOAI
- Environmental assessment and optimisation of required technical remediation measures
- Planning of an intermediate covering of tailings
- Planning of a dam fluting and surface contouring
- Site management
- Planning of final covering and recultivation of plateau and dam areas