

Remediation of dump 366 Aue / Saxony

- reshaping and covering with integrated surface drainage -

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Project target: In-situ-remediation of the dump 366; creation of possibilities of utilisation close to nature including rehabilitation of the natural waters.

Location: Aue / Germany

Client: Wismut GmbH

Beneficiary: Wismut GmbH

Time period: 1996 – 2004

Invest: 21 million EUR



Initial situation:

The dumping site 366 consist of 28 ha waste rock (3.4 million m³), two shafts, a waste disposal site. The total area of 43 ha needs to be remediated since the dump is endangering the public (environmental impact via water path, radon, instability of the embankment).



Main tasks:

- Environment Impact Assessment
- Remediation concept
- Design of reshaping the dump body to 1:2.5
- Design of a two-layer cover system (barrier consisting of precipitation storage layer, recultivation layer)
- Design of infrastructure measures and of water management systems
- Supervision according to FIDIC
- Geotechnical monitoring