

## Closure of landfill Zwotental

C&E · Consulting und  
Engineering GmbH



09117 Chemnitz • Jagdschänkenstraße 52  
Tel.: +49 (0) 371 881 22 39 • Fax: +49 (0) 371 881 45 89  
E-mail: [info@cue-chemnitz.de](mailto:info@cue-chemnitz.de)  
Internet: [www.cue-chemnitz.de](http://www.cue-chemnitz.de)

**Objection:** Closure of landfill Zwotental,  
cross section surface sealing

**Location:** Zwotental

**Client:** Waste Disposal Agency  
Vogtland (EVV)

**Beneficiary:** Waste Disposal Agency  
Vogtland (EVV)

**Year:** 2007 -2009



### Services provided:

#### Phases

- Settlement prognosis
- Stability calculation
- Detailed design
- Site management

#### Content

Surface sealing in the area of new landfill body acc. to German Law for the municipal solid waste and mineral surface sealing in the area of old landfill body, landfill gasification, construction of surface water intake, greening/ planting of landfill body, preparation of the defect notification period

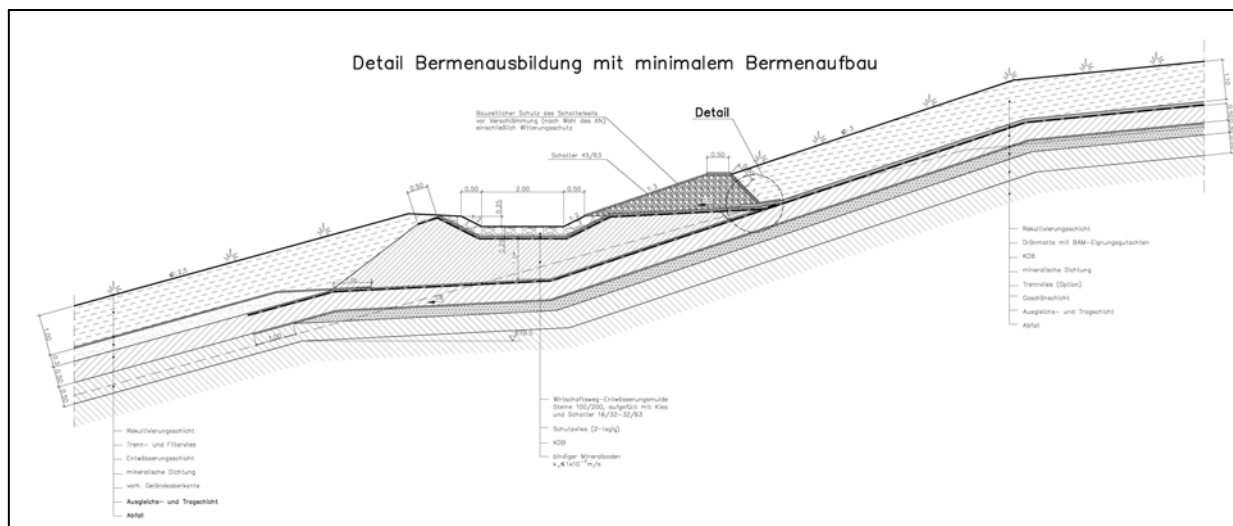
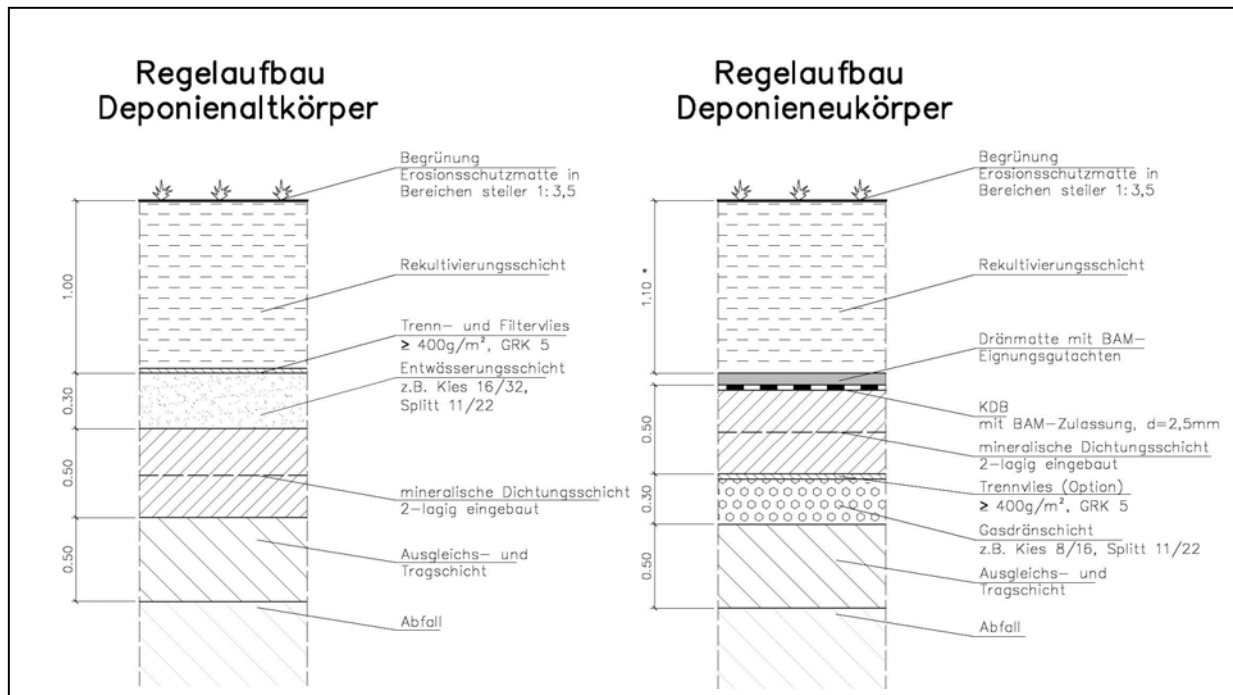
- ca. 35.200 m<sup>2</sup> surfaced sealing acc. to German Law for the municipal solid waste,
- ca. 24.850 m<sup>2</sup> mineral surface sealing
- Reconstruction of 2 existing gas wells,
- Construction of 3 gas wells for passive gasification,
- Relocation of approx. 2.300 m PE-pipeline of passive gas disposal,
- 1.245 m construction of drainage ditches for discharge of landfill surface water,
- Construction of leachate collection facility over the length of 345 m,
- Construction of dry wall over the length of 160 m,
- Disclosure and expansion of Zwotawasser over the length of 130 m,
- 53.500 m<sup>2</sup> landfill body recultivation by grass seeds and relocation of erosion protective layer
- Construction and measuring of 15 settlement levels to control the deformation behaviour of landfill body within the aftercare period,
- Construction and measuring of 24 gas levels for supervision with the aftercare period

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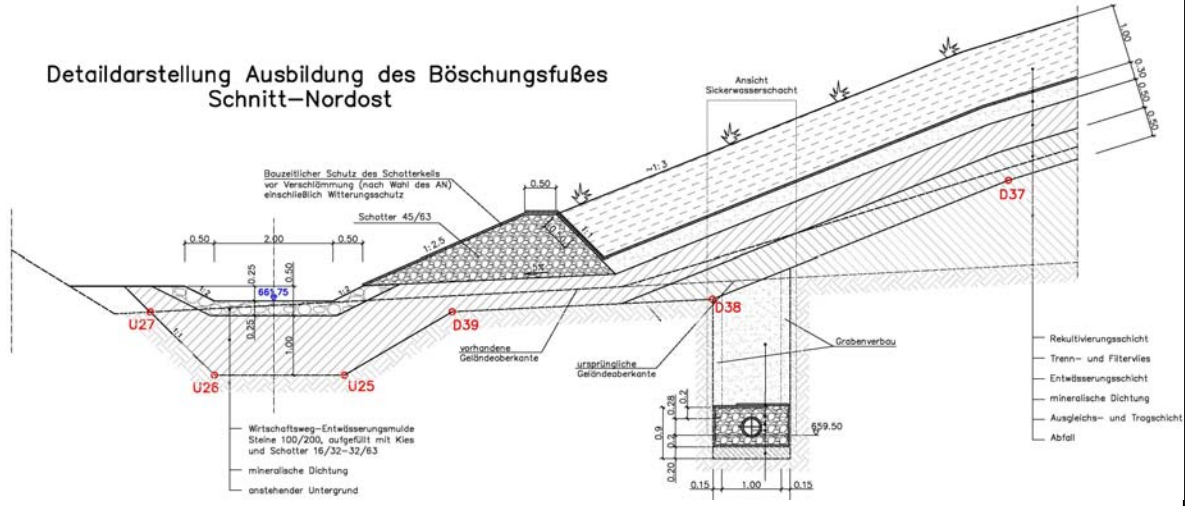
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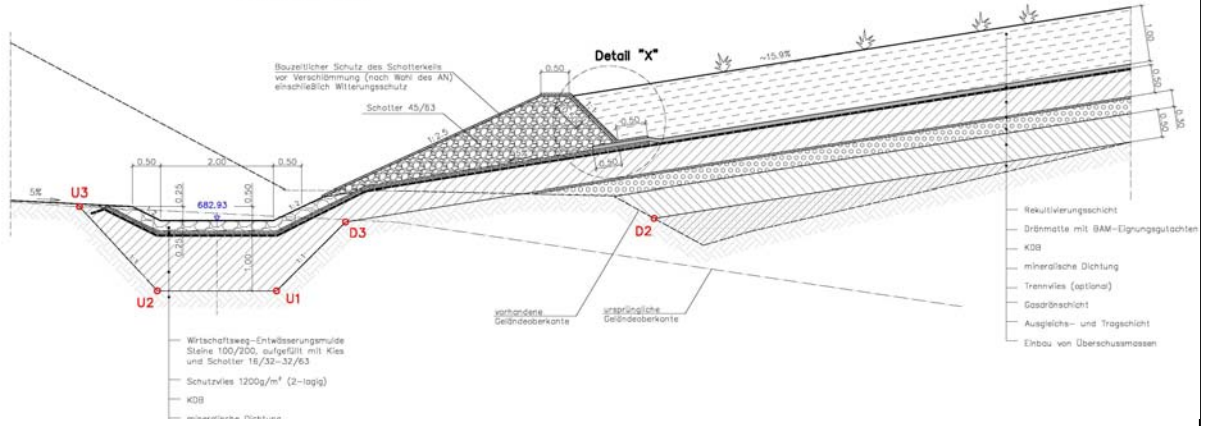


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## Detaildarstellung Ausbildung des Böschungsfußes Schnitt-Nordost



## Detaildarstellung Ausbildung des Böschungsfußes Schnitt-Süd



## Detaildarstellung Ausbildung des Böschungsfußes am Deponiekörper zum geöffneten Bach Schnitt-Nord

