

Landfill Weißer Weg - Expansion and Closure -

C&E · Consulting und
Engineering GmbH



D-09117 Chemnitz • Jagdschänkenstraße 52
Tel.: +49 (0) 371 881 4228 • Fax: +49 (0) 371 881 4311
E-mail: info@cue-chemnitz.de
Internet: www.cue-chemnitz.de

Project target: Planning of the extension of a landfill on the existing waste disposal site considering the future final plan of the landfill, based on the TASie regulations .

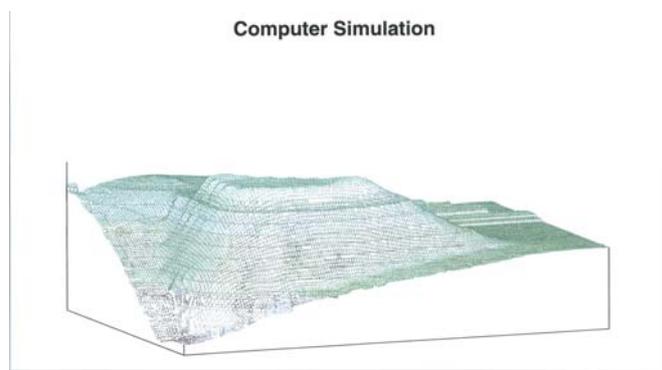
Location: Chemnitz

Client: City Authority
Chemnitz

Beneficiary: City Authority
Chemnitz

Time period: 1996

Constr. costs: 48,6 Mill. €



Initial situation:

At the border of the City Chemnitz, the task was given to re-design an unsorted landfill to regulate the environmental disturbances with respect to the water, soil, and air according to standards prescript by the laws. The further use of the landfill for the disposal of communal waste and special waste had to be guaranteed.

Main tasks:

- Study
- Risk estimation
- Hydrogeology



Technical data:

- Expansion of the disposal site of a former disposal site plateau
- Multi-layer surface sealing
- Rehabilitation
- Degasification of the disposal site
- Seepage collection
- Pilot plant for seepage treatment
- Volume of expansion: 3,5 Mill. m³
- Total area: 40 ha
- Height of the disposal site: 20 m
- Inclination of slope: < 1:4
- Final height: 60 m