

Reference Objects

Geotechnics

- Summary of References for Industrial Tailings Ponds

Titel - Services - Client

Industrial settlings pond Böhlen, trial field VF 5 Geogitter

Elaboration of the evidences of stability within the trial covering of soft ash deposits

Client: Vattenfall Europe AG

Pond 10, Helbra

Evaluation of stability and deformation resistance of the surface sealing systems

Client: MDSE Bitterfeld

Former industrial settling pond Gotesberg

Realisation of the investigation work at the dump area and preparation of the stability expertise

Client: GVV mbH

Remediation of the industrial tailings pond Helmsdorf

Investigation program for the determination of the tailings stability by the water level drawdown in the partial area TF2, preparation of the evidence of stability

Client: Wismut GmbH

Remediation of the former settlings pond coming from uranium industry in East Europe (PHARE-Project), pilot project Estonia (Sililamae)

Evaluation of stability for the dump sector in the settlings pond, remediation measures for provision of dump stability

Client: Europäische Kommission

Dresden – Coschütz / Gitter sea

Evaluation of stability of the dumps A + B within the planning and contouring

Client: Stadt Dresden

Estimation of stability Elbstolln Dresden

Geotechnical investigation activities

Execution of evaluations of stability using FEM

Elaboration of hazard potential

AG: Ing.-Büro Dolle Dresden (Wismut GmbH)

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Industrial settlings pond Trünzig, Industrial settlings pond Culmitsch, Industrial settlings pond, Helmsdorf

Investigation of stability within the project prepared design services for the application alternatives of the adapted techniques and technology for the intermediate covering of the industrial settling pond

Client: Wismut GmbH

Remediation of industrial tailings pond Helmsdorf / Dänkritz I

Prognosis of subsidence on the basis of numerical modelling (FEM), calibration of results of evaluation of subsidence

Client: Wismut GmbH

Remediation of industrial tailings pond Trünzig, basins A and B

Design and approval planning of contouring of the tailings pond Trünzig to provide the long-term stability and erosion security, modelling of subsidence, modelling and consolidation of tailings areas, conception and evidence of effectivity of a overload ballast to provide the stability of slopes of surface water with the help of consolidated accelerant measures

Client: Wismut GmbH

Remediation of industrial tailings pond Borbachtal

Evidence of consolidated accelerant effectivity of vertical drainage within the covering and contouring of tailings pond using numerical modelling (FEM)

Client: Wismut GmbH

Remediation of former tailings pond of uranium industry in the East Europe (PHARE-Project), Monitoring of remediation measures of tailings ponds in Czech Republic (Dolni Rozinka)

Execution of evaluations of subsidence for the tailing to determine the pore water discharge using FEM

Client: Europäische Kommission