

Reference Objects

Geotechnics

- Summary of References for Water Management Facilities

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| Titel - Services - Client |
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Slop discharge unit

Dam Klingenberg

Drafting of test reports, evaluation of stability, several analyses

Client: Ingenieurbüro Dolle, Dresden

Maintenance of the flood risk damaged river dike and slope reinforcement construction at the rivers Schwarzwasser, Zschopau and Zwickauer Mulde

Geotechnical field and laboratory investigations, determination of the represented data, evaluation of stability for the dimensioning of the new dam locations, evaluation of stability for the construction of slope reinforcement construction

Client: Landestalsperrenverwaltung Sachsen

Rainwater overflow basin Goldbach in Hohenstein-Ernstthal

Evidence of stability

Client: WAD GmbH Weidensdorf

Industrial settlings pond Trünzig – final contouring

Static and quasi-static evidence of the dams

Client: Wismut GmbH

Flood risk protective dams for river Zwickauer Mulde, Chemnitz and Zschopau

Condition analysis of existing flood risk protective dams, implementation of all relevant stability calculations using numerical modeling (FEM)

Client: LTV Sachsen

Remediation of former tailings pond of uranium industry in Eastern Europe (PHARE-Project), pilot project Estonia (Sillamae)

Execution of evaluations of subsidence for the dam sectors of tailings pond

Client: Europäische Kommission

Analysis of dike condition Zschopau, Chemnitz, river Zwickauer Mulde

Analysis of condition, geological documentation, Evaluation of stability, remediation conception, Risk assessment

Client: Landestalsperrenverwaltung Sachsen

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Dikes Schwarze Elster

Geotechnical investigation, subsoil expertise, elaboration from founding measures

Client: LMBV

Drinking water pipe Freital - Weißeritzalsperre

Complex investigation of subsoil of the future drinking water pipe (length: approx. 15 km, crossing of several roads and Water ways) including technical consulting

Client: ARGE Talsperrenleitung Dresden

Planning of construction activities respectively reconstruction of drain dam in Glauchau (river Zwickauer Mulde)

Geotechnical investigations of the existing river dam, evaluation of founding conditions, recommendation for remediation respectively new construction, planning of reconstruction respectively repair of the existing dam

Client: Landestalsperrenverwaltung Sachsen

New development of water treatment plant in Schlema, Ronneburg and Seelingstaedt

Geotechnical investigations, subsoil expertise, elaboration from founding measures

Client: WISMUT GmbH

Central tailings pond Schlematal

Preparation of subsoil expertise, geotechnical investigations (drilling and geophysical analyses), determination of subsidence damages endangered areas, determination of locations

Client: Zweckverband Abwasser Schlematal

Central tailings pond Meerane - Götzenthal

Geological and hydrogeological investigations including preparation of subsoil expertise, founding consultation, geotechnical site supervision

Client: Fischer & Partner Hohenstein-Ernstthal DWG Dresden

Construction of hydropower plant Lunzenau

Preparation of subsoil expertise, geotechnical site supervision, implementation planning

Client: KEMA - IEV GmbH Dresden