

Morsleben Repository

Project coordination and quality control of conceptual design of shaft sealing systems

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Objective: Technical assistance and coordination of the design phase of sealing systems of the shafts Marie and Barthensleben od ERAM

Location: Morsleben Repository for radioactive waste

Client: State Office for Radiation Protection

Beneficiary: State Office for Radiation Protection

Year: since 09/2008

Services provided:

I. Project management

- Control of deadlines, documentation of results

II. Quality control of design and interim reports

- Evaluation and analysis of conceptual design
- Evaluation and checking of stability, usability and requirements of constructions
- Evaluation and checking of construction materials and technologies applied

III. Quality control of model calculations

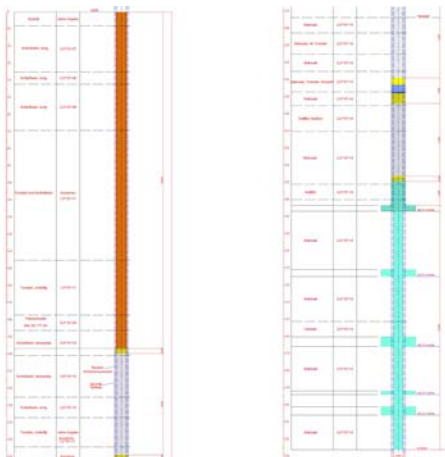
- Checking of model calculations in view of initial data, models and calculation methods

IV. Quality control of cost estimation

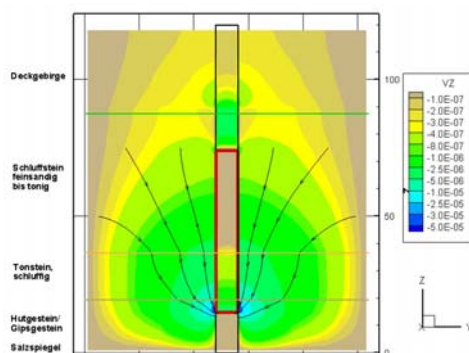
- Control to competence and correction of calculated assumptions

V. Meetings with the responsible institutions

VI. Assistance by presentation of design results to the political gremmies and public



Picture 1: Planning of shaft sealing



Picture 2: Geohydraulic model calculation