

Subsequent optimisation of the final covering of industrial tailings pond Trüznig

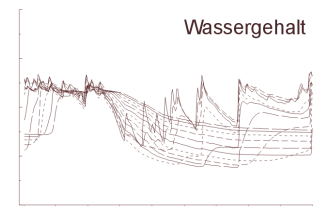
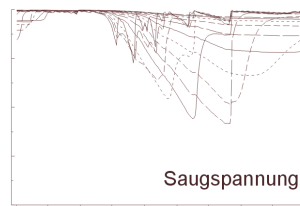
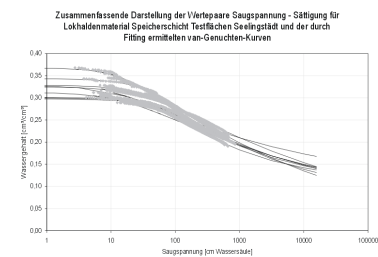
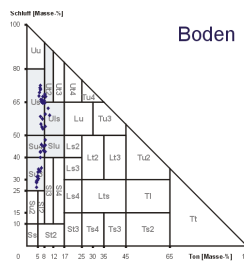
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Objective: For the optimisation of the subsequent functionality of the final covering of industrial tailings pond Trüznig it must be considered its function as a plant habitat. The subsequent use of areas should secure the reduction of the wastewater amount by the high water consumption of vegetation.

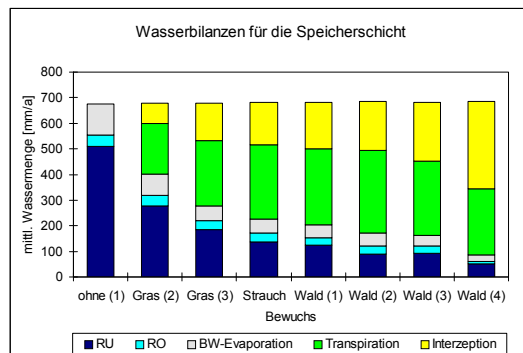
Location: Seelingstädt
Client: Wismut GmbH
Beneficiary: Wismut GmbH
Year: 2001
Budget: 20.000 €



Initial situation:

The industrial tailings pond Trüznig of WISMUT GmbH was used as a deposit of uranium ore treatment residues. Both settling basins should be remediated in situ together with tailings covering by inert mineral soil.

The covering is used as a basis for the reduction of emissions through the water and air. The significant contribution makes vegetation by its water consumption. The subsequent use of tailings pond should focused also on reduction of new formation of wastewater.



Services provided:

- Detailed quantification of evaporation of vegetation of different subsequent use and design variants of industrial tailings pond Trüznig
- Comparative assessment of subsequent use variants concerning their suitability for reduction of new formation of wastewater