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Groundwater prediction system (GWSimPro) and process-based laboratory system

Within the scope of the detailed investigation of sites In order to avoid these issues, two practice-orientated and which enables decisions as to whether remediation activcontamination propagation is required. The available current state of knowledge using the model approach of by the authorities. stage of investigation is often not sufficient to enable dual porosity. The development of a process-based labreliable prediction of the propagation of contaminants oratory system is applied to automatically determine soil in the soil and groundwater area. This often results in and groundwater migration parameters. Based on both considerable uncertainties in their assessment.

research & development projects, a tool was developed

containing contaminated soil and groundwater and closely linked research & development projects were un- ities for soil or groundwater cleanup are necessary (based the development of MNA-concepts (Monitored Natu- dertaken. The groundwater prediction system (GWSimPro) on risk assessment) and which remediation costs are to ral Attenuation) as well as the resulting demand and enables the application of reactive solute transport and be expected, resulting in high standards of prediction extent of remediation measures, reliable prediction of heat transfer simulation models in groundwater with the quality, a high degree of cost certainty and acceptance

groundwater prediction system (GWSimPro)

GIC

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process-based laboratory system



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		Infiltration of contaminated groundwater
Discharge from source of pollutant	Transport in the contaminant plume	
Pollutant is washed out	Spread of pollutant (microbial degradation, sorption, retardation,)	Subject of protection







