Subsoil expertise
Numerical modelling
Finite element method
Settling forecasts
Settling monitoring
Construction

Waste Processing Plant Cröbern near Leipzig



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Objective: Numerical modelling

Settling forecasts within the planning works

for the construction of a Waste Processing Plant Cröbern

Location: MBA Cröbern Free State Saxony

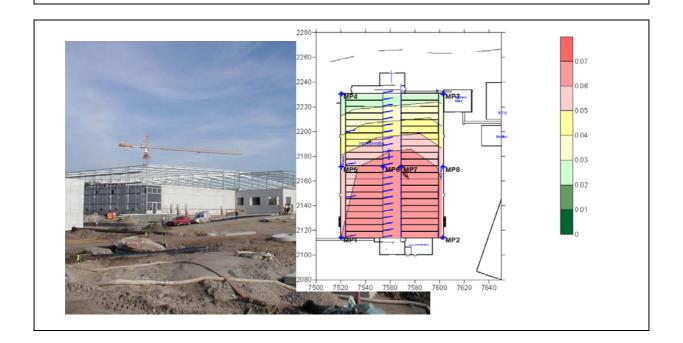
Client: Hochtief AG Beneficiary: Hochtief AG

NL Leipzig NL Leipzig

Duration: 2003 - 2006

Scope of Services:

- Working out of two-dimensional calculation models (tread cuts)
- Numerical stress-strain analyse using FEM
- Development of a settling model based on calculated tread cuts
- Design of a settling monitoring, determination of a breakpoint classification
- Assessment of a In-Situ-settling within 2 years after construction of a building



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Datum: 20.05.2006