

Soil Vapour

Off Gas Treatment

► Groundwater Remediation

Free Product Recovery
in situ



Biological Treatment of contaminated Groundwater (e.g. Ammonia)

Location: Nordrhein-Westfalen (Germany)

Task: Supply and installation of a Biological Treatment Plant; removal of organic compounds and Ammonia

Contaminants: Ammonia, Nonylphenol, BTEX, chlorinated solvents

Flow Rate: 10 m³/hr

Operation: since Jan. 2006



Reference Projects

Sequencing Batch Reactor (SBR) in which the filling, the nitrification process, the denitrification step and the sedimentation occurs



Inlet & Discharge area: Inlet from 7 wells equipped with sampling ports and totalizers - discharge to the infiltration, to the rain water or to the waste water sewer



Filtration system installed in parallel



Dosing station for acetic acid (carbon source for the denitrification step) and for sodium hydroxide

