

RÜTGERS Chemicals AG



Project account:

Investigation and remediation of groundwater contaminated by polycyclic aromatic hydrocarbon (PAH).

Accomplishments:

- Historical enquiry,
- aerial view investigation,
- summarised evaluation of all existent Investigations,
- risk assessment,
- groundwater monitoring,
- pool remediation by decantation of creosote,
- geophysical investigations,
- groundwater modelling,
- investigations to verify the feasibility of Natural Bio Attenuation as an alternative remediation option (NA feasibility study),
- preparation of the required conditions to initialize monitored and/or enhanced Natural Bio Attenuation.
- Accomplishment and assessment of field tests to dynamise microbiological decomposition of contaminants (oxygenation)

Client's convenience:

- Concentration on effective investigations in accordance with the associated authorities,
- improvement of costs by entire planning of remediation and monitoring measures from one source,
- application of innovative and cost-saving remediation modes based on biological decomposition of contaminants.

Project name:

RÜTGERS Chemicals AG,
Impregnation of railway sleepers.

State:

Germany

Location:

Hanau am Main

Client:

RÜTGERS CHEMICALS AG
Heideäcker 3
63457 Hanau

Contact:

Herr Dr. Christoph Olk
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Anlass:

Volume:

850 K€:

Duration:

Since 1990:

Field of project:

Investigation and remediation of contaminated sites.

Project data:

- Since 1896 Impregnation of railway sleepers an other wooden timber.
- Site extension app. 6,3 ha