



BAUERUmweltgruppe



We clean, treat, remediate –
water, soil, air



CONSTRUCTION TECHNOLOGIES

Applications

- Contaminated Sites
- Brownfield Regeneration
- Landfills

Our Services

- Design
- Project Planning
- Remediation
- Containment
- Demolition

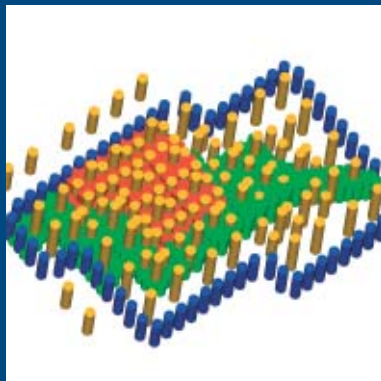
BAUER Environment Group is your Partner for Remediation Projects, from the Contaminated Site to Reutilisation

The BAUER Environment Group evolved into a leading organisation in environmental technologies in the last fifteen years and operates nowadays Europe-wide.

Due to permanent improvement of construction technologies for environmental projects the area of operation could be extended in the last years. In the meantime the BAUER Environment Group is not only focused on the remediation of contaminated sites. We are a specialists for brownfield regeneration,

reactive walls and funnel and gate systems. Deconstruction of buildings, dismantling of nuclear power plants and landfill construction are some of our activities.

Complex remediation projects are carried out in cooperation with our process engineers. Our long term experience with large scale project processes is to the benefit of our clients. We support, design and realise the remediation of former industrial and former contaminated sites. We meet every challenge.



Demolition and Excavation including treatment or disposal of contaminated material are some of the activities of BAUER Environment Group whilst carrying out complex projects

The amount of contaminated material, which has to be handled, can be reduced by special measuring systems and most careful execution of the remediation works. For example if replacement drillings are to be applied.

For safety and environmental reasons occupational health and safety measures are often not sufficient. The necessary health protection can be guaranteed by using a tent cover with a ventilation system.



PROCESS ENGINEERING

Applications

- Groundwater and Drinking Water
- Excavation and Tunnelling Water
- Soil Vapour and Off Gases

Our Services

- Design
- Construction
- Sale and Rental
- Operation and Maintenance

Synergetic Effects from FWS Filter- und Wassertechnik and BAUER und MOURIK Umwelttechnik result in more than 40 Years Experience in Process Engineering

FWS Filter- und Wassertechnik and BAUER und MOURIK Umwelttechnik operate as BAUER Environment Group since 2003. Both are specialists for the treatment of contaminated water, soil and air. With the available technologies BAUER Environment Group is able to solve almost every occurring problem.

We offer professional support, complete construction as well as operation and maintenance of treatment plants. Innovative design of plants and competence are our strength.



The availability of our plants is guaranteed by automatic operation control and alarm systems. Our service personnel is employed in many European countries to support our clients. Remediation plants by BAUER Environment Group are build modular and mobile. They can be leased or bought. Plants by Bauer Environment Group are operated all over Europe.



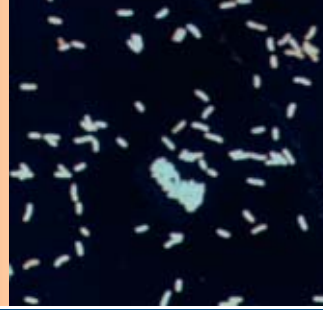
BAUER Environment Group groundwater and soil vapour treatment plants are continuously optimised and maintained by our engineers all over Europe.



The world's biggest funnel and gate system was built by BAUER Environment Group in Munich. Therefore activated carbon containers (16m²) were installed in the four gates in the 1,2 km long funnel.



Tunnelling water produced during the construction of the Gotthard Base Tunnel in Faido, Switzerland poses a special challenge. The nitrite contaminated water has to be treated by several treatment stages.



DISPOSAL TECHNOLOGIES

Applications

- Soil
- Construction Debris
- Hazardous Waste
- Sludge
- Alternative Construction Materials

Our Services

- Design
- Treatment
- Off Site Disposal
- Logistics

Competence in On-site, Off-site and In situ Remediation – Treatment and Disposal Concepts – New Recycling Strategies – Soil Treatment Centres

Contaminated material, soil, construction debris or sludge are a permanent challenge for environmental engineering. BAUER Environment Group and our disposal experts are in permanent search for new concepts for the treatment and the recycling of contaminated material. We operate three soil treatment centres for off-site treatment all over Germany. Furthermore we produce alternative construction material by means of special process technologies. Thus contaminated material is recycled.

Treatment or recycling of contaminated material has to be preferred to off site disposal. Therefore in situ or on-site remediation techniques are cost-saving choices.

BAUER Environment Group is a certified waste management facility. We are your partner for the design of disposal concepts and the realisation of remediation projects.



On-site and in situ soil treatment techniques are often cost-saving options facing off-site treatment or disposal.



Sufficient oxygen supply for on-site and off-site biological treatment processes is guaranteed by regular soil mixing. Contaminated soil vapour is removed by lances.



The soil treatment centre Schrobenhausen is one of three treatment centres of the BAUER Environment Group in Germany.



NATURAL TREATMENT TECHNOLOGIES

Applications

- Rain Water
- Sewage Water
- Sludge

Our Services

- PURE-Bio Retention Filter
- PURE-Reed-Bed Sewage Plant
- PURE-Sewage Sludge Treatment

PURE-Products for Natural Treatment of Water and Sewage Sludge – designed, built and operated by BAUER Environment Group

Untreated sewage water is discharged from the sewer system into rivers after heavy rainfalls and causes environmental hazards.

In rural areas the treatment of sewage water is often not sufficient. The installation of cost-saving natural treatment systems are an alternative.

Therefore Bauer Environment Group offers PURE-Products, an ideal solution for these purposes. These are only based on biological

and physical processes. In comparison with sewage treatment plants PURE-Products are cost-saving, easy to operate and maintain and additionally achieve excellent treatment performance. PURE-Red-Beed Sewage Plants and PURE-Bio Retention Filters are in operation and under construction all over Europe. The treatment is based on filtration processes and biological degradation.

PURE-Sewage Sludge Treatment is an elegant and efficient solution for sewage sludge treatment.

PURE-Products are characterised by the use of special plants and drainage systems developed by Bauer Environment Group and special construction techniques. These systems are improved continuously due to our field experience.



The installation of the sealing foil for bio retention filters takes place under well defined circumstances. Temperatures have to be over 5 °C and the humidity has to be below 80%.



For the ideal operation of a PURE-Sewage Sludge Treatment the sludge has to be uniformly distributed. Distribution takes place through a adjustable PURE-Delivery System.



PURE-Sewage Sludge Treatment in Geiselwind was built in terraces, thus the natural potential gradient is used.



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