

Infrastructure Components



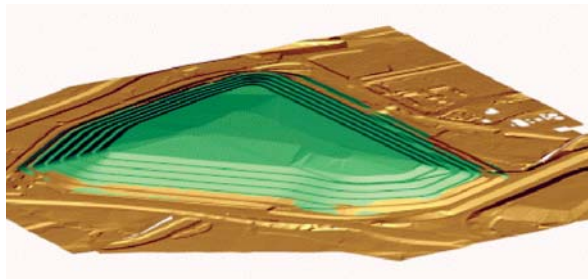
Waste Deposits and Residues – we provide a clean solution



Our service ...

In focusing on the production of your industrial goods or intermediates, you will often generate residues and, in some cases, waste that is subject to particularly strict monitoring. The actual production process therefore needs to be complemented by appropriate disposal. You can basically leave this task to us, as you can the handling of sensitive contaminated sites.

Our experienced civil engineering specialists will draft industry-specific blueprints for your company and implement individual solutions in all areas of contaminated site clean-up and landfilling.



Digital model of a landfill

As an expert advisor in the evaluation of contaminated sites and the drafting of sustainable concepts for the construction of landfills, we can offer you our extensive know-how in environmental technology and legislation so that your project can be implemented as cost-effectively as possible.

Our specialist planners and construction managers can draw up appropriate concepts and high-quality designs for the realization of a variety of different projects such as:

- construction, expansion and sealing of landfills;
- sealing, drainage and degasification systems;
- securing of contaminated industrial sites;
- soil remediation, in-situ processes;
- inspection of existing sites.

We leverage our comprehensive know-how to advise you on the operation of existing landfills, whether the facilities are dedicated to one type of waste (mono-landfills) or a mixture.

... is your gain.

Our goal is the success of your projects. We leverage our years of experience, state-of-the-art know-how, sound knowledge of the relevant legislation and the limits that this creates, and efficient implementation procedures to ensure that your project is successful.

We can develop technically optimized solutions that comply with legislation and ensure optimal design while taking into account environmental requirements (regarding groundwater, soil, air, surface water). Our concepts are cost-effective and can be implemented quickly.

You will benefit from our expert advice in all phases of the project and from a high standard of quality management resulting from our expert planning and rigorous construction supervision.

With regard to the operation of the landfill, we are happy to help you with all technical and legislative aspects of soil composition, drainage, infrastructure and renewal.

With us as your partner, you can concentrate on your



Installation of an asphalt surface sealing layer to secure a contaminated site

core business. You do not need to waste time on waste.



Bayer Technology Services

Our methods

Having consulted with you and clarified the task at hand, we develop customized, cost-effective waste management concepts which take into account:

- technical and logistical framework conditions;
- construction and environmental legislation;
- permit issues and operational needs.

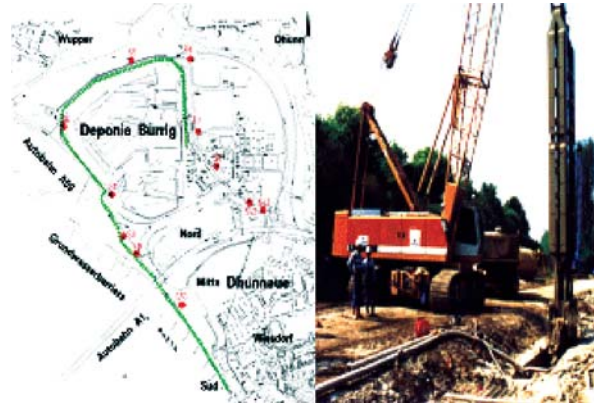
We tackle all tasks and issues linked to earthwork, soil engineering, groundwater and surface water protection etc. according to the state of the art and meeting all legal and permit stipulations.

Our project management team will also be happy to take over construction management duties. Our experience is your advantage when it comes to dealing with supervisory and permitting authorities.



Installation of a mineral sealing layer (landfill construction)

Once the construction work is finished, we will continue to provide expert and reliable support in technical and other matters relating to the day-to-day operation of your facility.



Sealing wall for a groundwater barrier

References

Our many years of industrial experience and our specialist knowledge have been applied all over the world in the planning and construction of:

- landfills for industrial waste;
- monolandfills, landfills for demolition waste;
- sealing of large-area contaminated sites;
- soil decontamination and washing;
- sludge landfills;
- landfill sealing, groundwater barriers;
- surface and leachate runoff systems;
- degasification systems.

No matter what the task is – a minor drainage issue, engineering a well gallery, a large-area clean-up of a contaminated site such as the Dhünnaue in Leverkusen or soil decontamination, as has been the case in Japan – our experts will come up with a customized solution.

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