

TREATMENT OF SLUDGE

USING THE HERBST SYSTEM



Dehydrating plant in Falkensee combined with a filtrate water purification plant with an output of 300 m³/h

We plan, build and maintain sludge dewatering and sludge treatment plants for the following substances:

- Water sediments
- Uranium-containing waste
- Liquid residue
- Paste-like sludge

Depending on the particular task, mechanical dewatering plants or static filtration installations are used. Our plant is individually designed to cater for each kind of problem.

Belt filter and centrifuge plants

If large quantities of sludge are constantly being dewatered, centrifuges or belt filter presses are used.

To ensure that the dewatering remains constant in each installation, we will incorporate a whole range of treatment processes in the dewatering system. These will include waste sorters and homogenisation or other conditioning plants. All the plant will be fully automated and will, where necessary, be able to be monitored by us using EDP technology.

Chamber filter presses

If high amounts of dry material are required in the filter cake, chamber filter presses will be used to dewater the sludge. We also offer tailor-made solutions for this kind of plant. Depending on the task, we equip the plant with lime milk treatment or other conditioning facilities.

Static dewatering plant

Fairly small quantities of sludge which still occur on a discontinuous basis will be dewatered using single filter belts or filter bags. The equipment which we supply will be manually operated or will be fully automatic.

Operational control and plant maintenance

Our services include operational control and plant maintenance. Using our EDP-supported remote monitoring system, we can monitor and control each technical process 24 hours a day. This system makes it possible for our mobile maintenance team to rectify any faults within a very short period of time.

WATER SANITATION

USING THE S3 PROCESS

