

WASTE MANAGEMENT

>> WASTEWATER

BIOGENIC WASTE

REFUSE-DERIVED FUEL

HAZARDOUS WASTE

SEWAGE SLUDGE

# INDUSTRIAL WASTEWATER TREATMENT: AN EFFICIENT ALTERNATIVE

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WASTEWATER TREATMENT PLANT

Water is a precious resource that shouldn't be wasted. That makes it doubly important to professionally treat and purify wastewater prior to discharge into surface waters or reuse in industrial processes. We'll handle your water management needs so you can focus on your core business.

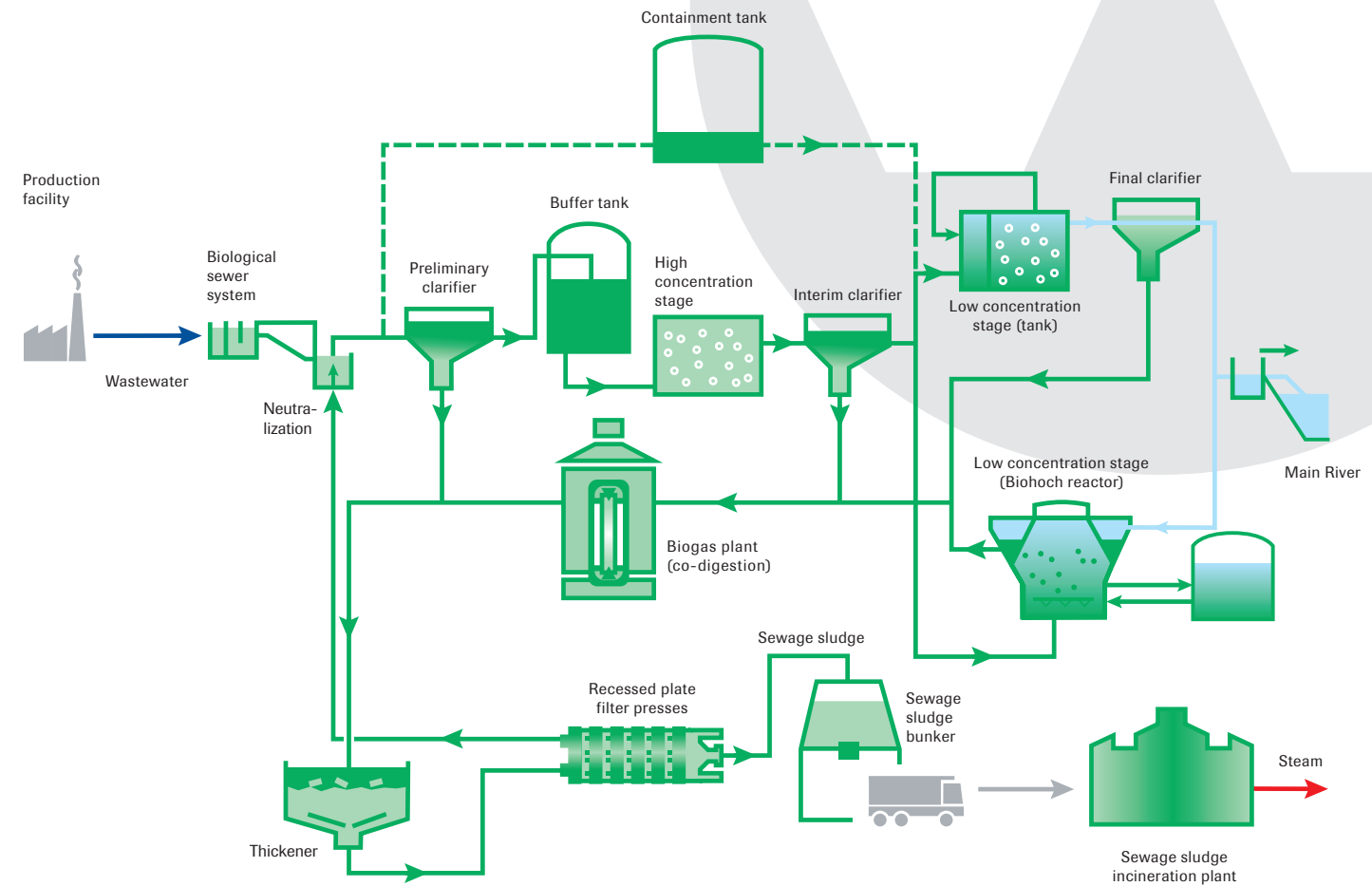
# WASTEWATER AND LIQUID SLUDGE GREEN, EFFICIENT DISPOSAL

Are you looking for a way to safely and reliably dispose of your wastewater? Look no further than our wastewater treatment plant: it is far better, more sustainable and more cost-effective than incineration.

Our industrial wastewater treatment plant, one of the largest of its kind, can treat your wastewater efficiently and environmentally responsibly in a state-of-the-art two-stage activated sludge process with integrated denitrification. We will analyze a representative wastewater sample to verify its biodegradability before accepting the first shipment. We will also ask you about the process that generates the wastewater or aqueous waste.

Our experts will procure all the necessary discharge permits for your wastewater. They will also prepare the official disposal records and answer all your questions about transporting the waste and cleaning your containers, pump trucks and tank trucks. Any remaining sewage sludge is destroyed at our sewage sludge incineration plant. With these steps, your wastewater is sure to be disposed of safely without risk to human health or the environment.

DIAGRAM OF THE WASTEWATER TREATMENT PLANT



## WASTEWATER TYPES

- Production effluents from the chemical/pharmaceutical industry
- Highly biodegradable aqueous waste such as mother liquors, rinsing fluids, cleaning water from food and cosmetics production
- Liquid sludge / excess sludge from wastewater treatment plants

## DELIVERY OPTIONS

- Industriepark Höchst sewer system
- Liquid waste accepted in pump and tank trucks

## TECHNICAL DATA OF THE WASTEWATER TREATMENT PLANT

Capacity	150 t COD/d
Influent flow rate	60,000 m <sup>3</sup> /d
High concentration stage volume	9,000 m <sup>3</sup>
Low concentration stage volume	39,000 m <sup>3</sup>
Interim clarifier volume	4,000 m <sup>3</sup>
Final clarifier volume	14,000 m <sup>3</sup>

## YOUR BENEFIT: MORE TIME FOR YOUR BUSINESS

- Responsible wastewater treatment for safe discharge and process reuse
- Our experts procure the wastewater discharge permits for you
- Compliance with water laws and permits