

Wastewater Treatment Plant

Conventional activated sludge process

Capacity:
800 person equivalent
1.600 m³/d

Design:
The sewage treatment plant consists of a pumping station, an operating building, an aeration basin and two sedimentation basins.
The operating building is containing all controlling equipment, mechanical treatment and a social room.



Inflow and outflow parameters at water temperatures of 12 °C:

	Inflow	Outflow
COD	546 mg/l	15 mg/l
BOD ₅	220 mg/l	3 mg/l
NH ₄ -N	55 mg/l	0,04 mg/l
NO ₃ -N		16,2 mg/l
Total N	67 mg/l	20 mg/l
Total P	8,4 mg/l	3 mg/l
pH	8,2	7,3

Operation building with sludge storage below

