

Design of Waste Water Treatment Plant Köthen

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Objective: Reconstruction and extension of a plant with mechanical/biological waste water treatment stages

Location: Köthen, Germany

Client: Regional sewage association
Köthen

Beneficiary: Regional sewage association
Köthen

Period: 1996 - 2000

Investment: approx. 12.75 million €



Services provided:

The waste water treatment plant Köthen has a size of 45.000 pop. equivalents. The provided services included complete STW, incl.

- Biological stage with nutrient removal
- Upstream denitrification and biological P removal
- The applied treatment process is based on a process combination of “conventional activated sludge biology” with a carrier biology in the form of suspended surface growth carries which are retained in the tank by means of hydraulic separation
- Mechanical sludge treatment
- Sludge treatment with digester and digester gas generation

Main services:

Complete planning plus detailed design 1995

E&I, process control and structural engineering

Project management 1996 - 2000

Senior site supervision and commissioning, Staff Training

