

# WASTE WATER TREATMENT PLANT ANDERNACH

## Turn-key extension as general contractor



### Technical data

- Capacity 90.000 EGW
- Construction of complete activated sludge plant  $V=8.650 \text{ m}^3$
- Reconstruction of overflow basin for rainwater and primary sedimentation
- Construction of buffer tank
- Reconstruction and remodelling of entire final sedimentation
- Automatic scum removal
- 2 centrifuges with  $25 \text{ m}^3/\text{h}$  and lime conditioning
- Complete electrical equipment, measurement and control system
- Sludge digester  $2.050 \text{ m}^3$
- Gas system with gravel filters, gas mixing system with  $170 \text{ m}^3/\text{h}$  by using injector lances
- Machine hall in steel structure with switch room and gas station
- Sludge heat exchanger 500 kW
- Sludge digester equipment in high quality steel
- Underground GRP-lines

### Highlights

- Retrofitting during operation

### Scope of supply and service

- Procedural design
- Complete implementation planning for construction, extension, mechanical and electrical engineering including statics

### General facts

**Client:** Abwasser GmbH  
Andernach

**Completion:** 1999

**Contract value:** 9.7 Mio. €