

WWTP BETTEMBOURG (Luxembourg)

Turn-key extension as general contractor



Technical data

- Flowrate 1,000 l/s
- Intake pumping station / 2 mechanical screens
- 2 sand traps / 2 primary sedimentation basins
- Intermediate pumping station
- 4 activated sludge tanks / compressor station
- 4 final sedimentation basins
- Dewatering units
- 2 digesters 1,450 m³
- 2 sludge thickening / sludge silo
- 2 sludge drainages
- Gas container 1,000 m³ / gas torch
- 2 block heat and power plants / 1 Emergency diesel aggregate
- Sand washing and storm water screens

Scope of supply and service

- Turn-key construction
- Control system and programming

Process stages

- Mechanical stage
- Biological stage
- Anaerobic sludge digestion

General facts

Client: Syndicat Intercommunal, Step Bettembourg

Completion: Sep. 2007 I. BA
Sep. 2008 II. BA

Contract value: 30 Mio €

Highlights

- Retrofitting during operation