

Demon®

WWTP EGA, Denmark



Scope of services

- Demon® technology for nitrogen removal
- Reject water (centrate) treatment sludge dewatering
- Design, delivery and assembly of mechanical installations
- Design of controlled technical components
- Co design (with client) of civil and electronic installations
- Commissioning and start up assistance

Scope of delivery

- Continuous operation Demon® reactor (450 m³ tank)
- Integrated gravity return sludge thickener
- Aeration discs with removable frames
- Centrate feed pump
- Related instrumentation for equipment
- Stainless steel and PE piping
- Online process monitoring for HNO₂ / O₂ / NH₄ / pH / SS

Features

- Removable aeration frames
- Fully automatic operation

Technical data

- Supply flow rate 250 m³/d
- NH₄-N load 250 kg/d
- NH₄-N removal 85%

Client

Envidan A/S, Denmark

Completion

Oct. 2016

Contract value

€ 650,000