

Wastewater Treatment Plant

Ogre, Latvia



AARSLEFF



Project

Aarsleff was awarded a turnkey contract for design and construction of a wastewater treatment plant in Ogre, Latvia. The contract work included design and construction of all civil, mechanical and electrical/SCADA work, as well as commissioning, testing and training of the technical and operational staff.

The new wastewater treatment plant is located next to the existing old plant, which was kept in operation during the entire construction process.

The work included construction of a wastewater treatment plant with a capacity of 25,000 PE. The operation of the wastewater treatment plant is automatic and controlled by SCADA.

The contract work including design was executed within 25 months from the day of commencement.

Work under the contract

- Pre-treatment section with mechanical equipment, screen, aerated sand trap and grease trap
- Blower station for aeration of waste water
- Tanks for biological treatment for N and P removal
- SS tanks for settling of sludge and solids
- Pump station for sludge return and excess sludge as well as a pump station for dosing chemicals
- Dewatering of sludge by means of two belt presses
- Roofed sludge drying beds for dewatered sludge and emergency sludge bed
- Effluent parameters comply with EU directive 91/271/EEC
- Training of the local technical personal.

Contract conditions

The contract work was executed according to FIDIC Yellow Book, "Plant and Design – Build" and Latvian Building Norms.

Client

Ogres Namsaimnieks, Latvia

Contract value

EUR 5.1 million

Financing

EU Cohesion Fund and
Latvian State Budget Fund

Contract period

2013-2015

Contact

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