

Waste Water Treatment Plant in Starý Plzenec



“ Sewerage system in Malá Strana, Sedlec and Extension of the WWTP in Starý Plzenec, Extension of the Water Supply System in Sedlec. ”

This project dealt with waste water discharge from two areas of Starý Plzenec - Malá Strana and Sedlec - to the existing waste water treatment plant (WW TP), which was expanded as part of the project to a capacity of 8,000 PE (daily volume of waste water is 1,380 m³). The construction included primarily gravity sewers (9,926.13 m) and pressure sewers to the WWTP (1,719.85 m), including the construction of 5 pumping stations. The expansion of the WW TP was designed in accordance with the current operation as mechanical-biological with pneumatic aeration and aerobic sludge destabilisation. In principle, the operational facilities build on existing operations by making maximum use of existing buildings and facilities. The equipment was supplemented with a further biological D-N system li...

Location

Starý Plzenec

Investor

Municipality of Starý Plzenec

Construction period

10/2012 – 10/2014

Type of construction

Water management

Scope of services

Construction

In numbers

8 000

PE - capacity of
WWTP

11 646

m of sewers

2 033

m of water supply

