

Refurbishment of the Water Purification Plant in Příkrý



Location

Příkrý

Investor

**Vodohospodářské
sdružení Turnov**

Construction period

10/2013 – 02/2015

Type of construction

Water management

Scope of services

Construction

“ The refurbishment of the WPP for a maximum capacity of 50 l/s, without interruption. ”

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In response to the continuing deterioration of the quality of the raw surface water, the original single stage water treatment system was replaced with a new double stage system. This involved a complete structural renovation of the existing buildings in the grounds, constructing a new coarse pre-treatment building, renovating the roads, including the utility networks beneath them, and completely replacing the water treatment equipment. The raw water pumping station is also equipped with 3 new pumps with a frequency speed control converter for variable power control to the dry sump. The sedimentation tank is also fitted with a lamellar structure. The treated water then flows into a storage tank, where it is then pumped out for consumption using a pair of new distribution pumps. As...

In numbers

50

l/s max. output

9 000

PE capacity