

Capacity Increase of Písty Water Treatment Plant, Including Spring Area



Location

Písty

Investor

**Vodovody a kanalizace
Nymburk, a.s.**

Construction period

03/2019 – 06/2020

Type of construction

Water management

Scope of services

Construction

“ Modernization and capacity increase
of the spring area and water treatment

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plant to 50 l/s. ”

The modernization works were executed under full operation of the WTP and consisted mainly in the construction of three new raw water wells, including the rehabilitation of six existing wells, rehabilitation of the raw water aeration system and potassium permanganate dosing, replacing the existing settling tank with a storage tank, installation of new pressure filters (3 pairs) with a multilayer filter bed as an additional separation technology in the first stage of water treatment. In addition, the open filters were refurbished, including repair works on existing structures. Thanks to a change in the drainage system, it was possible to expand the filter area by approx. 25%, which increased the capacity of the filters and reduced the share of wash water. As regards the water treatment t...

In numbers

50

l/s - new WTP
capacity

3

new raw water
wells