



TIEFWERDER WATERWORKS

The Tiefwerder waterworks operates in cooperation with the Beelitzhof waterworks.

CHRONICLE

1914

Commissioning of the waterworks

1926/28

Modernisation and expansion of the waterworks

1961

Commissioning of the newly built waterworks

1978

Commissioning of new pumping facilities

TECHNICAL DATA

Max. capacity:

100,000 m³/day

Water winning:

55 vertical wells, 30 to 100 m deep, with underwater motor pumps. Deliveries of the pumps between 50 and 120 m³ per hour.

Water treatment:

Two square aeration chambers with flat spray nozzles for aeration of the raw water, one filter hall with eight open double filters. The filter surface area totals 672 m², the filtration rate is 6.0 m per hour.

Water delivery:

One diesel centrifugal pump and five electric centrifugal pumps with deliveries between 1,500 and 3,500 m³ per hour and a pressure of 6.0 to 8.5 bar.