



BEELITZHOF WATERWORKS

The Beelitzhof waterworks is one of three main centres. It operates in cooperation with the waterworks in the south-west part of the city.

CHRONICLE

1888

Commissioning of the waterworks Beelitzhof I

1894

Commissioning of the waterworks Beelitzhof II

1961

Commissioning of the drinking water treatment plant of the newly built waterworks

1981

Commissioning of the surface water treatment plant for cleaning the Havel water for the Grunewald lakes.

1986

Commissioning of the drinking water treatment plant II

TECHNICAL DATA

Max. capacity:

180,000 m³/day

Water winning:

75 vertical wells, 50 to 170 m deep, with underwater motor pumps. Deliveries of the pumps between 50 and 250 m³ per hour.

Water treatment:

Vertical tube nozzles for aeration of the raw water, eight multi-layer filters with a maximum filtration rate of 8.5 m per hour and 20 single-layer filter with a maximum filtration rate of 5.8 m per hour.
Total filter surface area 1,712 m².

Water delivery:

Three diesel centrifugal pumps and three electric centrifugal pumps each with deliveries of 4,000 m³ per hour and one electric centrifugal pump with 2,000 m³ per hour, pressure 6.5 to 9.0 bar.
One surface water treatment plant that is supervised by the waterworks cleans Havel water for the chain of Grunewald lakes.



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