



Simmering storage reservoir

Data and facts

Company	PORR Bau GmbH in a consortium
Type	Structural engineering
Runtime	10.2013 - 05.2016
Principal	Government of the City of Vienna – Wien Kanal MA 30

[Project report online](#)

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In this way, Vienna remains dry

The construction pit of the reservoir was produced on three sides of the 60cm thick sealing wall (1-phase slotted sealing wall) moved away from the walls of the storage reservoir, with a depth of 16m. On the basis of the deficient location conditions, an 80cm thick slotted wall which connects flush to the reservoir walls was constructed on the north side of the construction pit. In order to lower the ground water according to the requirements, a comprehensive water retention was installed with a total of 25 wells.

The ideal place for the underground storage reservoir was found directly below the main pitch of the sports field at Haidequerstraße 10.

Impressions

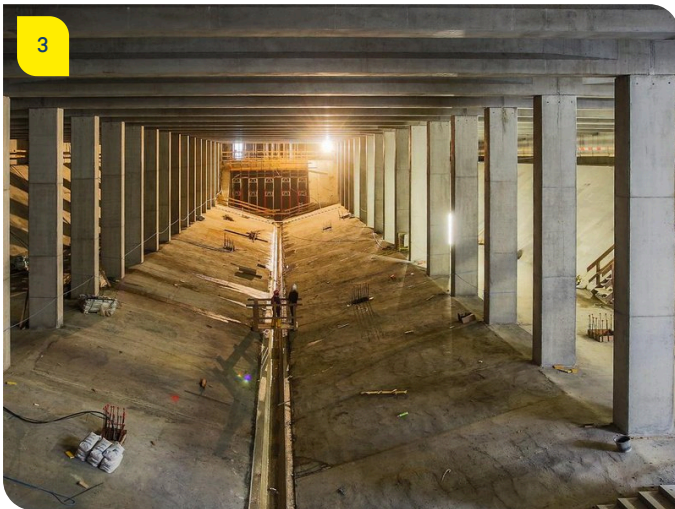


Image notes

1

Simmering storage reservoir

Construction pit incl. cleanliness layer

2

Simmering storage reservoir

By means of a 400t crane, the free support carriers were placed from the ceiling outwards.

3

Simmering storage reservoir

The bottom plate of the storage reservoir was made in an inclined casing.

4

Simmering storage reservoir

The underground water reservoir has a volume of 28.5 million litres.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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