

Ruhleben sewage treatment plant, Berlin

Data and facts

Company	PORR Spezialtiefbau GmbH
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Type	Sealing slabs
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Runtime	05.2024 - 01.2027
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Principal	Echterhoff Bau GmbH
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[Project report online](#)

www.porr-group.com



Special expertise is required for construction pits at the Ruhleben sewage treatment plant.

Watch our project video* :

- [PORR Germany . Ruhleben sewage treatment plant, jet-grouted sole](#)
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As they are around 2.7 metres below the groundwater level, they must be waterproofed with a horizontal sealing slab. In total, the PORR special civil engineering team will construct 10,000 m² of jet-grouted soles by the end of the project. The contract also includes the back-anchoring of the sheet pile walls with 4,870 m of temporary strand anchors.

‘We have already worked successfully and trustingly with Echthoff in the past. So far, we have been able to meet the high demands for adherence to deadlines and quality of execution in this project as well, particularly with regard to the impermeability of the jet-grouting base. The tight schedule for the first two construction pits made it necessary to work in day and night shifts, which we were able to do thanks to our flexible capacities with two jet-grouting units,’ says PORR project manager Lars Erbe.

* (Videoplattform Vimeo)

Impressions

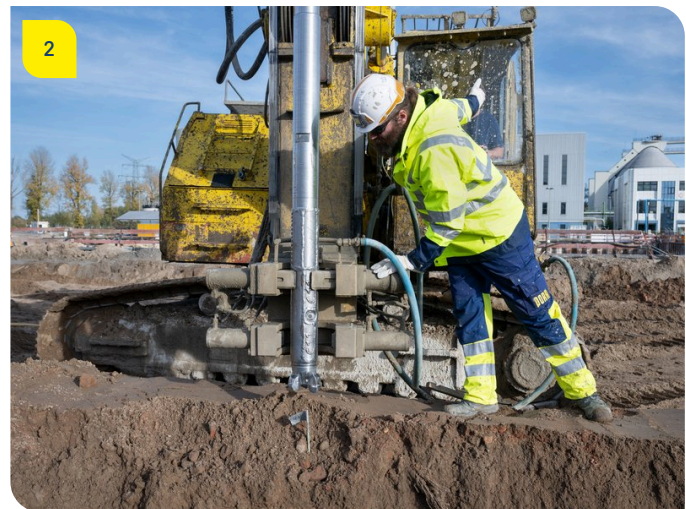
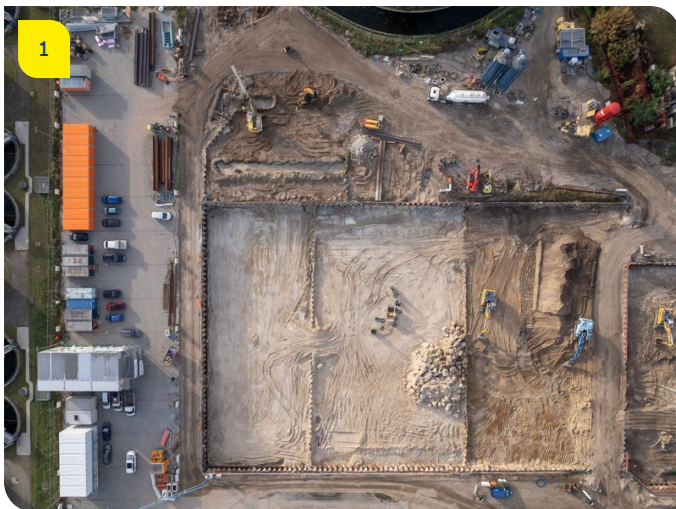


Image notes

1

Klärwerk Ruhleben, Berlin

The sheet piles are anchored back with grouted anchors.

2

Klärwerk Ruhleben, Berlin

The next insertion point is precisely controlled.

3

Klärwerk Ruhleben, Berlin

The sealing sole is manufactured using the DSV process.

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Klärwerk Ruhleben, Berlin

View of the construction site next to the Spree.

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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