



# Wastewater treatment plant, Oberursel

## Data and facts

<b>Company</b>	PORR GmbH & Co. KGaA
<b>Type</b>	Supply and disposal facilities
<b>Runtime</b>	01.2021 - 03.2024
<b>Principal</b>	Bau & Service Oberursel

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# New filtration system for wastewater treatment plant

High levels of phosphorus in water bodies lead to increased growth of algae and aquatic plants and reduce the oxygen content in the water. For this reason, improving the quality of the water has been on the political agenda for many years.

## Flocculation and filtration plant removes phosphorus and solids from the wastewater

For several years now, the Oberursel wastewater treatment plant has been implementing a phased plan for phosphorus elimination in order to be able to meet the increasingly stringent environmental regulations in the future as well. The ultimate goal is to reduce the levels to a daily average of no more than 0.2 milligrams per litre. 2020 saw the opening of a state-of-the-art precipitant station, where most of the phosphorus compounds are precipitated from the wastewater, and a flocculation and filtration plant will be built on the site by the end of 2023. It is designed to further reduce the phosphate and solids content of the wastewater before it is discharged into the Urselbach.

## Impressions



## Image notes

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### Wastewater treatment plant, Oberursel

The Düsseldorf branch of PORR Ingenieurbau is carrying out the structural work for the new flocculation and filtration plant on the site of the Oberursel wastewater treatment facility.

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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