

CASE STUDY

Radcliffe on Trent



The issue

Suprafil was asked to build and install the Nereda internals into three Nereda reactors for Nomenca at the Severn Trent Water waste water treatment works in Radcliffe on Trent, near Nottingham.

The solution

Aerobic granular biomass.

Nereda is the wastewater treatment technology that purifies water using the unique features of aerobic granular biomass.

The majority of the internals were built off site and transported in modules to site to reduce the installation time.

The Racliffe on Trent project was one of three contracts awarded to Suprafilt at the same time. The others included Walsall Wood, which has already been completed, and Barston.



Suprafilt were awarded the contract based on their previous track record for successfully installing the cutting-edge aeration technology.



The result

Nereda can reduce energy costs by up to 50%

Suprafilt's growing experience of Nereda plant installations has helped them to successfully complete this installation.

Nereda is sustainable and cost-effective: it requires a quarter of the area of conventional activated sludge installations and the process can reduce up to 50% on energy costs.

Summary

The Nereda solution means the majority of the majority of the internals were built off site and transported in modules to site to reduce the installation time. Suprafilt is the only authorised Nereda contractor and is constantly refining their designs for these to find solutions to site complexities.