

# Davyhulme wastewater treatment works

## Project case study



### Product

Sulfate resistant concrete

### Volume supplied

99,000 cubic metres

### Main contractor

Laing O'Rourke

### Overview

Hanson has supplied almost 100,000 cubic metres of specialist concrete for a major modernisation at one of the UK's biggest wastewater treatment works.

### Project description

The work at Davyhulme in Trafford, Manchester, forms part of a £200 million, three-year project to modernise the treatment works by owner United Utilities. This investment will protect and improve the environment for generations to come, through cleaner and greener processes with the latest technology.

From its Salford plant and a mobile site plant, Hanson has supplied 69,000 cubic metres of sulfate resistant concrete to main contractor Laing O'Rourke as well as an additional 30,000 cubic metres to piling contractor Keller Foundations.

Water treatment applications require concrete with chemical resistance properties and Hanson's technical team worked closely with Laing O'Rourke before construction started to develop a suitable mix.

The mobile site plant supplied up to 750 cubic metres of concrete each day during periods of peak demand with additional supplies from the company's nearby Salford plant.



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