



WHITLAND
ENGINEERING

Case Study - Utilities

Whitland Engineering completes mechanical installation of submersible pumps, pipe work & access bridges to the newly constructed 6 million litres underground storage tank for storm water at Heswall waste water treatment works North Wales. The 20m deep shaft with an internal diameter of 27m, has been installed to enable an additional 5750m³ of storm water storage to be provided at the site.

Whitland Engineering acted as main mechanical contractor to Costain who were Principal Contractor working for Dwr Cymru Welsh Water. The project was part of the European Union Shellfish Directive, which will improve the performance of wastewater treatment in the area by reducing the number of spills into the Dee Estuary, thus improving wastewater quality





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The project consisted of the following elements-

- ▶ Mechanical design and fabrication of access walkway.
- ▶ Design and installation of pump sets and pipework.
- ▶ Confined space working.
- ▶ On site assembly of access platform.



- ▶ Lowering of mechanical working platform and other equipment 27m into tank.
- ▶ Installation of new walkway, dual ladder access systems and pipe work.
- ▶ Commission new installation, complete snagging works and hand over to client

