

The Complete Construction Service



Donegan
Civil Engineering



Title:	<u>Tunstead Milton DG5</u>
Location:	High Peak, Derbyshire
Client:	United Utilities
Project Manager:	Carly Ratcliffe
Main Contractor:	Donegan
Commenced:	June 2010
Completed:	August 2010
Value:	£200k

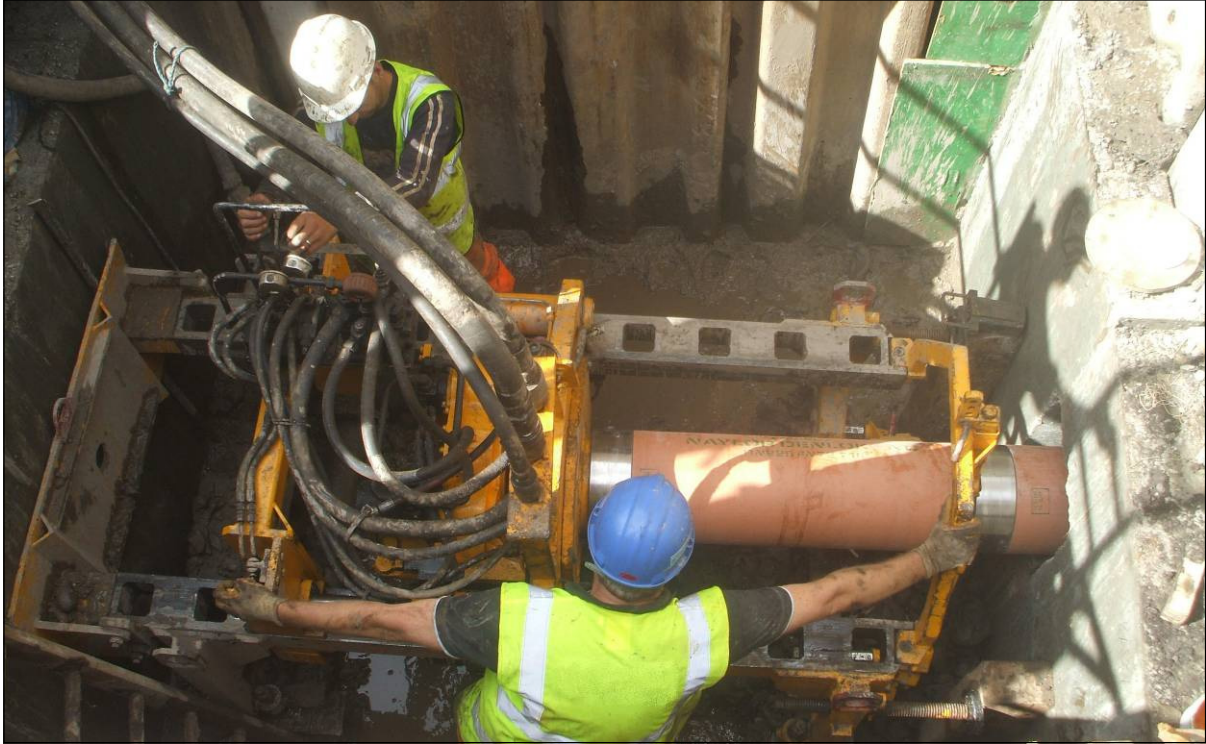
Background Of The Works:

United Utilities had a requirement within the AMP4 period to provide asset improvements that will remove properties from the DG5 Flooding Register.

In order to comply with this responsibility for its wastewater network assets UU prepared a prioritised programme for DG5 flooding projects, this project was included in the programme. During times of heavy rainfall the local combined sewer network would surcharge causing foul sewage to emanate from the gullies flooding local properties and closing Manchester Road.

Civil Engineering & Tunnelling Contractors

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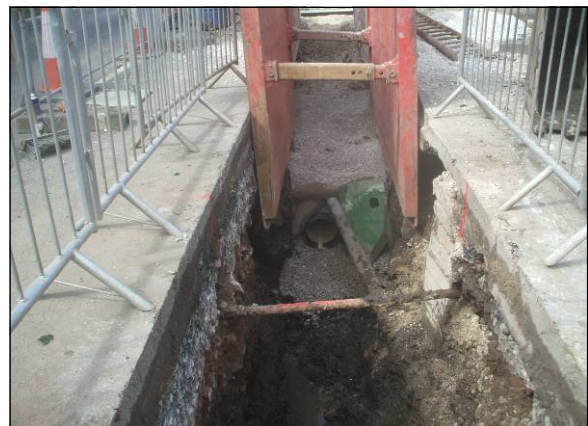


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Donegan were appointed Main Contractor in October 2009, but work was unable to commence until June 2010 due to an access dispute between the client & a local resident.

Scope Of The Works:

- Establishing a compound within a local field
- Setting up traffic management along the busy rural route Manchester Road with no possible diversion route
- 110m of 1050mm tank sewer with 85m³ (85,000 litres) storage capacity for combined water
- 35m of 225mm opencut pipework
- 50m of 375mm opencut pipework
- 30m of 225mm augerbore underneath Manchester Road to minimise disruption
- 9 manhole chambers 1.20 - 3.00m diameter
- 1 Hydrobrake & 1 Penstock fitted within a 3.00m diameter Flow Control Chamber
- Overpumping the flows during the works
- Abandonment of existing sewer network and manhole chambers



Europa Way
Stockport
Cheshire
SK3 0WT

Phone: 0161 495 7300
Fax: 0161 428 5553
Web: www.donegan.co.uk
E-mail: mail@donegan.co.uk