

GEORGE LESLIE LTD



DODBURN WATER NETWORK IMPROVEMENTS

The Dodburn water network improvements were part of a wider project to improve the water quality from Robertson Water Treatment Works around the Scottish Borders town of Hawick.

The work comprised a new raw-water inlet main, and a new raw-water pumping station at Acreknowe, together with large and small diameter distribution mains. An interesting feature was the helicopter-access, which provided the most economical method of pipe delivery to much of the remoter stretches.



Two large bore mains were laid from the water treatment works, for potable water from Robertson to Crumhaughill service reservoir situated on the outskirts of Hawick, and for raw water from Acreknowe pumping station.



The work also included 9.6km of small-bore distribution main, with multiple domestic connections which branched off from Crumhaughill and terminated at Dodburn.

Pipeline Summary:

315mm & 355mm twin track HPPE	– 7.3km	90mm Alkothene single track	- 4.1km
315 HPPE single track	– 3.3km	63mm Alkothene single track	- 5.5km
355 HPPE single track	– 1.5km	160mm HPPE slip lining of 21" cast iron	- 2.8km

This Design & Build contract was undertaken for Scottish Water Solutions by Bewater Leslie Joint Venture, with Faber Maunsell / Farrer Consultants as designers.

CLIENT**Scottish Water Solutions****CONSULTANTS****Faber Maunsell - Farrer****CONTRACT VALUE****£6.5m****DURATION OF WORKS****August 2008 – May 2010**