

# ALEXANDER

2 WATERWORKS ROAD, OMAGH, CO. TYRONE, BT79 7JS  
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## ACCREDITATION AND ORGANISATIONS



## CARK/ MEENBOG CABLING

<b>CLIENT</b>	<b>Airtricity</b>
<b>DESIGN ENGINEER</b>	<b>Faber Maunsell</b>
<b>CONTRACT VALUE</b>	<b>€366,000</b>
<b>CONTRACT PERIOD</b>	<b>6 weeks</b>



### DETAILS

7.5km of cable had to be laid in 6 weeks over a variety of different ground conditions. The cable was laid through existing wind farms; farmland; Forestry ground and along public roads. This led to continual liaison with different land owners and authorities.

Where insufficient bedding material was available the cables had to be either sanded or ducted. In total 5000m of HDPE ducting was used throughout the job in tri-foil where sanding was not viable due to restricted access or poor ground conditions. Where the cable trench crossed water courses protective measures were required, such as ducting and concrete surrounds to the cables or piping the watercourse.

### HEALTH AND SAFETY CONSIDERATIONS

Trench were excavated using V shaped buckets to ensure good slope stability. Checks were taken out of the trenches at the lowest positions to prevent build up of water in the trench.

### ENVIRONMENTAL CONSIDERATIONS

Due to the nature of this type of work numerous watercourses and drains had to be crossed. To prevent contamination of water courses silt traps were placed downstream of work to control flow of water and remove suspended solids. Also to prevent the generation of unnecessary run off water existing water course were piped over the trench to keep the water out.

The Loughs agency visited the site on several occasions to monitor works and take water samples.