

PROJECT PROFILE: Crystal Rigg Wind Farm, East Lothian



Location	Crystal Rigg 2 Wind Farm, East Lothian, Scotland.
Client	Morrison Construction Ltdl
Value	£300k
Duration	16 weeks.
Quantities	8,000m ³ of Topsoil. 50,000m ³ of soft clays and gravels 33,000m ³ of rock excavation.
Description	<p>The construction of access tracks and a 24,000m² platform for the installation of 400KV sub-station. The works were designed by Scottish Power and constructed for client Fred Olsen.</p> <p>Construction was undertaken during the first three months of 2008 and as such special care was undertaken in order to control surface water run off and to avoid disruption of existing water courses. This involved an extensive layout of cut off ditches and settlement lagoons which combined with silt fencing and straw baffles in order to eliminate suspended solids. These in conjunction with a water monitoring regime ensured that no contamination incidents occurred even with the onerous weather conditions experienced.</p> <p>Track construction consisted of upgrades and passing places and utilised both imported and site won materials whilst extensive use was made of geogrids and geotextiles in order to minimize stone usage.</p>
Referee	<p>Mr James Fairgrieve Morrison Construction Ltd Grangemouth. 07809 530 894</p>