

PROJECT PROFILE: Coalburn Substation



Location	Coalburn, Lanarkshire.
Client	Raynesway Construction Ltd
Value	£200k
Duration	12 weeks.
Quantities	20,000m ³ of Topsoil. 50,000m ³ of soft clays and gravels
Description	<p>The construction of an embankment for a 650m access road along with the formation of a 40,000m² platform for the installation of 400KV sub-station. Excess materials were shaped into landscape mounding adjacent the platform site.</p> <p>Located on gently sloping pasture the substation site is adjacent to a bog habitat which is of international conservation value. The Coalburn Moss which lies some 50m downhill of the site is designated a Site of Special Scientific Interest and as such it was imperative to protect it from contamination through site water run off. Utilising a combination of topsoil bunding, cut off ditches and bale lagoons along with the rigorous monitoring of discharge water ensured that no contamination of the SSSI occurred. Earthworks operations were conducted in a sequence of operations such that no large areas had there soil stripped prior to placing fill, further mitigating the risk of run off.</p>
Referee	<p>Mr Stephen Donnally Raynesway Construction Ltd Paisley</p> <p>0141 849 0011</p>