

Project Information:

Consultant	White Young Greer Environmental Limited
Blackwell role	Main Contractor
Form of Contract	ECC Option C
Contract start	January 2005
Contract period	75 weeks and 5 year maintenance
Contract value	£4.97M

Blackwell Site Management:

Contracts Manager:

Peter Lyle

Project Manager:

Lee Swift

Site Manager:

Ken Crawford

Project Office:

Northern Regional Office:

7 Appleton Court,
Calder Park, Wakefield, WF2 7AR
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Services Include:

Civil Engineering

Earthworks

Geotechnical

Remediation



Contract Summary:

Weetslade Colliery was a design and construct scheme for One North East involving the restoration of a former colliery site and tip to create a country park and light industrial employment zone. The site covers an area of 58ha, split into 30ha of country park and 28ha of development land.

Key Processes:

The scheme incorporated the following key components:

- Excavation, processing and re-engineering 300,000cu.m of made ground to create the new employment zone.
- Excavation and stockpiling 160,000cu.m of material in stockpile for future phases of the employment zone.
- Excavation and re-profiling of 500,000cu.m of material within the former tip site to create the proposed country park landform.
- Strip topsoil and subsoil to the western fields area to create new wetlands area to provide balance for the new development.
- Dealing with high calorific value material – this involved both selective excavation and onward sale plus blending, compaction and incorporating it within the works.
- Creation of soil-making medium. The original concept was to import subsoil to cover the entire country park with 500mm of material to act as a planting medium and cap. By undertaking further site investigation on localised earthworks we were able to design out the cap requirement. The colliery spoil was then ameliorated to provide a planting medium for the desired species without needing to import soils.
- Construction of car park, access paths, tracks and landscaping.

There were various issues to overcome before works could commence on site, including discharging of 36 planning conditions and undertaking Great Crested Newt relocation, provisions for badger and otter populations, plus other mitigation measures.

