

Project Information:

Consultant	BWB Partnership
Blackwell Role	Main Contractor
Form of Contract	ICE 6th Edition
Contract Start	January 2003
Contract Period	38.6 weeks
Contract Value	£2.6M

Blackwell Site Management:

Contracts Manager:

Peter Lyle

Project Manager:

Lee Swift

Project Management Division:

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Services Include:

Civil Engineering

Earthworks

Geotechnical

Remediation



Contract Summary:

Blackwell secured the remediation works for Phases 1,2 and 3 following a period of detailed design development in which they worked closely with the Design Consultant and Client. The site is a former steelworks and was remediated to provide a new commercial development space.

Key Processes:

The remediation strategy was drawn up jointly after bench and site trials with the philosophy of re-using all materials available on the site. Principal materials included :-

- oversite concrete and hardstandings
- buried concrete foundations and obstructions
- 175,000 cu.m of steelworks waste comprising ash, clinker and fused slags.
- a layer of underlying peat
- 9,000 of hydrocarbon contaminated soils

The remediation techniques employed included :-

- the separation, screening and crushing of the concrete and hardstandings.
- the selective excavation and ex-situ bioremediation of the hydrocarbon contaminated material.
- the separation, screening of steelworks slag and re-deposition of these materials at optimum moisture content to form a new development plateau.
- drying of the peat to form landscape material.
- processing contaminated groundwater using an active carbon water treatment plant.

