

Contract in brief

Location:

Beckton, London

Client:

London Development Agency

Consultant:

White Young Green
Environmental Limited

Blackwell Role:

Main Contractor

Form of Contract:

ICE Design and Build

Contract Value:

£9.35M

Contract Start:

March 2005

Contract Period:

40 wks

Blackwell site management

Contracts Manager:

Roger Lyes

Project Manager:

Geraint Jones

Contract Summary:

The site comprises of five separate areas totalling approximately 100 acres of land contaminated by previous uses as inter alia, a dump for gas works wastes, oil storage and distribution, paint production, coal storage, petroleum wharfage.

The site as a whole is to be redeveloped for mixed residential, commercial and industrial uses with public open space and landscaping to suit.

The contract has been let on the basis of a design and build with the contractor responsible for the completion and approval process for the remediation strategy and the design of the necessary remediation methods to achieve the approved site specific target values.

Key Processes:

As a consequence of the legacy of previous uses and the overriding aim of maximising the asset value of all site won materials, the remediation process will employ a variety of stand alone and combined techniques :-

- complex screening and sorting
- stabilisation using eclays
- soils washing
- bio remediation
- groundwater collection / extraction and cleaning

In total, approx 168,000cu.m of material will be excavated, processed and re-used, requiring the detailed management of materials handling, stockpile management and validations at each stage of the processes.

Services Included:

- Civil Engineering
- Earthworks ✓
- Geotechnical ✓
- Remediation ✓

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