

Case Study

Client Taylor Wimpey Developments Limited
Cromwell Road, Cambridge UK

Project date 2004-2005
Area 2 Ha

Case Study date February 09
Budget £1,500,000

Project: Cromwell Road

Redevelopment of a site for a residential end use, with innovative design of flats to include a large basement car park thereby reducing the requirement to import clean replacement materials. Remediation of hydrocarbon-contaminated soils including off-site disposal of grossly contaminated materials and pump and treat remediation of groundwater.

Services provided

Environmental Consultants; Hydrology and Hydrogeology Consultants (Contaminated Land); Site Supervision Consultants (Employer's Representative).

Description of project

The site had been historically contaminated by hydrocarbons from the adjacent Network Rail (NR) owned Rail Maintenance Depot at Coldhams Lane, Cambridge.

Merebrook acted as Employers Representative for the remediation contract. The contamination risk was managed by removal of grossly contaminated soils to a depth of up to five metres. Merebrook provided full-time supervision of all works to monitor site progress. Following the remediation phase, site audit visits were carried out on a regular basis at frequencies determined by the contract progress.

The scheme also required the preparation of interim and final status reports for the remediation works, based on the regular site attendance and comprehensive records maintained by the contractor during the currency of the works.

Liaison was undertaken with the adjacent land owners to construct a buried sheet piled cut-off wall to prevent re-entry of contamination from adjacent NR site.

