

# Albion Landfill Cell- Leicestershire

Client:  
Tapton Estates

Value:  
£30,000,000



## Brief

To construct a new 9,000,000 cubic metre engineered landfill void for the encapsulation of household waste.

## Action

Following the obtaining of Planning Permission the landfill excavation was carried out in a structured manner to allow a selection process to be undertaken to allow stockpiling of materials suitable for incorporation as a compacted impermeable clay barrier at the base of the landfill facility.

A full time geotechnical engineer was employed on the project to undertake nuclear density testing of the laid materials to ensure compliance with the compaction criteria.

As part of the funding mechanism high quality pipe making clay was extracted and stockpiled for use by the employer together with the extraction and sale of 1,500,000 tonnes of poor quality coals.

The maximum depth of excavation and associated clay lining was 90metres below original ground level.



**Hall**construction  
Hall Construction Services Limited

Stotforth Hill House, Windlestone, Rushyford, Co. Durham DL17 0NF  
Telephone: 01325 311013 Facsimile: 01325 311571  
[www.hallconstruction.uk.com](http://www.hallconstruction.uk.com) e-mail: [mail@hallconstruction.uk.com](mailto:mail@hallconstruction.uk.com)