

Bank Lane, Kirkby

Customer:	Bellway Homes NW Ltd	Value:	£800k
	Bellway House, 2 Alderman Place, Liverpool L24 9LR	Contact:	Paul Williams Commercial Director

Scope of Work

- Phased bulk earthworks
- Full Recovery and re-engineering of landfill
- Recovery and processing of shallow rockhead
- Widespread asbestos contamination in soils
- Sensitive asbestos mitigation & monitoring programme
- Managed preparation of roadbox construction
- Knotweed Mitigation
- Full validation and reporting



Project Description



Formerly operated as a landfill for construction and demolition wastes the site was characterised with depths of asbestos impacted made ground above natural sand/sandstone to depths ranging from 1m to over 5m.

A cellular approach was adopted to re-engineer oversized materials from the made ground and remove obstructions to the vibro foundation solution. Beneath the made ground, natural sand/sandstone was excavated in cells to provide sufficient inert natural fills to ensure the road box backfill was completed with natural soils and sufficient materials were set aside for the sub-cover and subsoils requirement mitigating asbestos risk to the development phase.

The potential risk from asbestos was of key concern to the regulators and local residents and a detailed programme of dust management, airborne asbestos monitoring and verification report was key to the successful delivery of the project. Sufficient crushed concrete was won from the general re-engineering works to provide all the road capping and pile mat requirements and an area of Japanese Knotweed was chemically treated and subsequently buried in a controlled sealed cell, within a non-sensitive area of the site, in accordance with Environment Agency guidance.

