



CASE STUDY

PINBROOK RECYCLING CENTRE, EXETER

Client	The ROK Group (Building)
Location	Exeter, Devon, 8000 m ² former Devon County Council vehicle depot
Remediation Value	£300,000
Project	Contaminated soil removal and reduced dig to formation level
Contaminant	Hydrocarbons (fuel oil & diesel) Chlorinated Solvent hotspot

DESCRIPTION

A Site Investigation had identified multiple TPH/PAH contaminated hotspot areas over the 8000 m² site of former council owned storage and fuel depot. UK Remediation Ltd undertook further delineation taking over 300 samples in the plume areas. In total, 1000 tonnes of hazardous and 300 tonnes of non-hazardous material were taken to the unique UK Remediation Treatment Facility (5 miles from the site) for segregation and bioremediation.

It was important to consider environmental impact on local residents. To reduce dirt on the adjacent roads, the concrete hardstanding was not initially removed but was instead shattered insitu using a multi-head breaking system. This provided a clean site work surface enabling concrete removal to be concurrent with the main dig, which was also adjacent to a live railway.

UK Remediation removed over 10,000 tonnes of inert soils, two underground storage tanks, associated pipework, interceptors and drainage pipework. All associated groundwater was controlled by the UK Remediation Water Treatment Plant.

UK Remediation was also responsible for site waste management plans and environmental monitoring.



Delineated excavation of contaminated zones



Reuse of site-worn material



Re-profiling of site

