

case study



The site was located within minutes of Manchester City Centre and was to be developed for luxury apartments. 7,500m³ of soil was sorted, segregated, bio remediated or disposed off site

In conjunction with the soil treatment works a series of groundwater abstraction wells were installed to enable the dewatering of excavations to take place and contaminated liquids to be collected

The waters were treated above ground at a rate of 10m³/hr and the treated water discharged to sewer under a Consent



Client

Nationwide house builder

Site

Former heavy engineering and workshops, Manchester

Problem

Contamination of the soil and groundwater with heavy oils and solvents

Technologies utilised

Sorting and segregation, free phase removal, phase separation, GAC filtration, removal of suspended solids and bioremediation

Remediation criteria

Soil TPH values had to be < 5000mg/kg, the groundwater had to have less than a measurable sheen and show a significant improvement in quality of the dissolved phase

Validation

Independent consultant on behalf of the client

