

# case study



This 29ha site, located in the Northeast, had been used for the bulk storage and distribution of fuels and oils over 25 years.

68,000m<sup>3</sup> of soils and hard standing had been identified for excavation, sorting, segregation and treatment/off site disposal.

On site testing techniques identified 17,000m<sup>3</sup> requiring ex situ biological treatment in order that the retention criteria could be met. This was effected within a 6 month period.

The remaining materials were proved to be below the retention criteria and were reused within the works.

## Client

Developer on behalf of retail food distribution company

## Site

Former fuel storage and distribution facility, Newcastle, Tyne and Wear

## Problem

Hydrocarbons particularly diesel and oils

## Technologies utilised

Excavation, sorting and segregation of materials, ex situ bioremediation

## Remediation criteria

TPH and BTEX < 1000mg/kg, VOCs < 50ppm

## Validation

Validated by independent consultant during the course of the works and on completion

