

case study



During the development of this site the developer unearthed a number of underground storage tanks and associated contaminated soils and groundwater.

Due to lateral extent of the contamination plume, adjacent residential properties, the geological and hydro geological conditions in situ treatment was deemed to be the most practical method for the remediation of the site.

The underground storage tanks and localised contaminated materials were removed and a multiphase extraction system installed and operated. The building works continued throughout the nine month treatment period.



Client

Nationwide house builder

Site

Former workshops and racing engine test beds, Horwich, Lancashire

Problem

High octane fuel in soil and groundwater, underground storage tanks

Technologies utilised

Multi Phase vacuum extraction, vapour and liquid phase carbon absorption, excavation and off site disposal of contaminated soils, tank removal

Remediation criteria

VOC > 30ppm, Soil TPH <200mg/kg, Groundwater TPH < 5mg/l

Validation

Validated by independent consultant on completion

