

case study



This 5ha site had a history of minor fuel spillages during fuel transfer and filling operations resulting in impact to the underlying shallow groundwater.

100 extraction wells were installed across the site and connected to a multi phase vacuum extraction system capable of removing vapours and liquids.

The wells were fitted with the proprietary product accumulator units developed by MEL to enable the efficient removal of product during fluctuating groundwater levels.

The extracted waters were treated above ground prior to reinjection.

Client

National consultancy on behalf of the site owners

Site

Former fuel distribution depot, Aldermaston, Berkshire

Problem

Free phase hydrocarbons on groundwater

Technologies utilised

Product accumulator, multi phase vacuum extraction, phase separation, sand filtration, liquid and vapour phase GAC Filtration

Remediation criteria

Removal of free phase hydrocarbons

Validation

Independent verification by consultant

