

case study



During the construction of a double garage the ground workers accidentally unearthed the heating oil feed pipe with the excavator splitting the pipe work at the compression joint before it entered the property and releasing a significant quantity of heating oil into the subsurface. The fuel spread under the sub floor causing high VOC readings and odour within the property.

To enable the home owner to remain in the property a parallel trench was excavated to the front of the property to collect the free product from under the property using a phase separation unit and skimmer pump.



An extraction system was installed inside the property, to remove the vapours. Air monitoring was undertaken throughout the works thus enabling the home owner to remain in the property whilst in-situ remediation was undertaken using both chemical and biological reagents pumped under the property.



Client

Nationwide house builder

Site

Residential property, Brimpton, Berkshire

Problem

Damaged fuel line

Technologies utilised

Free phase recovery, in situ bioremediation

Remediation criteria

Risk based criteria determined by the consultant

Validation

Independent consultant on behalf of client

