

Pollution Response – Lumbs Lane Residential Oil Leak



Client
Questgates
Cost
£19,000

Location
Lumbs Lane, Salford
Program
1 Week

Hydrocarbon Affected Areas



Wells Installed and awaiting paving



Questgates Loss Adjusters contacted LKPR to investigate the cause and remediation options for a property which had lost over 1000 litres of domestic heating oil from a main header tank 30 metres from the house.

LKPR immediately commenced an investigative site investigation to expose the existing supply line from the house to the tank to determine where failure had occurred and where the contamination lay.

It was later apparent that an elbow of the supply pipe had fractured at the junction with the house and the surrounding area had been impacted with heating oil to a minimum depth of 3 metres.

LKPR commenced the remediation by excavating the affected area to 3 metres deep where a sand and gravel lense was found to run under the house. This created a pathway for the contamination to follow down hill towards a watercourse.

The majority of the contamination was removed for the tight site and wells were installed under the property to allow micro-organisms to be injected to treat the hydrocarbon under the foundations.

When excavations were backfilled access manholes were installed to the paving so disruption was minimal to the resident.

The injection of micro-organisms was continued for 3 weeks until the site was validated as clean when all manholes were removed and paving was made good.

As the contamination had spread under the building the installation of wells at an early stage saved excavating material from under the house and in turn resulted in huge savings of time, money and disruption to the resident and our client.