

case study

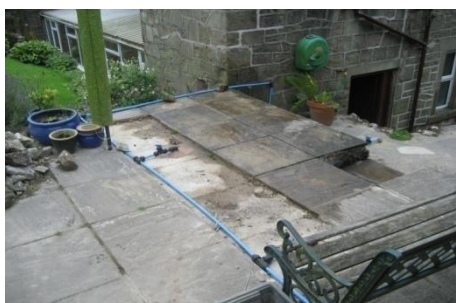


The fuel line feeding the boiler from the external tank corroded causing a substantial loss of fuel below the patio. Fuel had also tracked down the conduit housing the fuel line and pooled behind the wall, soaking the sandstone blocks and causing a vapour problem in the property.

The contaminated sandstone was removed and replaced with new thus alleviating the immediate vapour problem. Gross contamination was removed using absorbent materials and where possible the surfaces were cleaned using chemical cleaners.

Due to the topography of the site, excavation of the grossly impacted soils beneath the patio would have been extremely costly. It was therefore decided to install an automated in situ treatment system.

These proprietary automated systems have been developed by MEL to minimise the requirement for excavation beneath buildings. Their use negates the significant costs and disruption associated with underpinning techniques.



Client

Insurance company, Loss adjuster

Site

Residential property, Sterndale, Derbyshire

Problem

Damaged fuel line

Technologies utilised

In situ treatment utilising automated treatment system

Validation

Independent laboratory analysis

