

CASE STUDY CS641

PROJECT: Remediation of a Residential Kerosene Fuel Oil Spill

CLIENT: Homeowner, England

DURATION: 3 months

COST RANGE: £5,000 to £10,000

STATUS: Completed and Validated



WORKS

- Initial investigation and recommendations for further works, with basic soil sampling undertaken
- Delineation and characterisation study
- Sampling works to minimise remediation needs and costs
- Determination of suitable remediation targets/strategy, and agreement with the regulator
- Remediation and validation work

SYNOPSIS

TRM was contacted to investigate a domestic heating fuel spill from an external kerosene storage tank. TRM reviewed the issue with the homeowner and advised on safety and environmental concerns.

Soil sampling indicated a spillage had occurred, TRM returned to site to undertake visual-olfactory monitoring with volatile hydrocarbon gas analysis to delineate the kerosene plume.

This work defined a much smaller area for sampling and analysis and produced an accurate plot of the kerosene plume vertically and laterally from the leaking pipe.

TRM developed suitable target concentrations for contaminants and agreed them with the regulator, also proposing a suitable remediation strategy.

TRM undertook excavation and disposal of contaminated soils in a 'difficult-to-access' environment.

Remediation was successfully completed on time and budget, for a client to proceed with the sale of the property.



TRM

Email: mail@trm-ltd.com www.trm-ltd.com

Head Office: 11 Merlin Way, Quarry Hill Industrial Park, Ilkeston, Derbyshire DE7 4RA Tel: 44 (0)115 932 7222

