

RAW

Treatment injections through the floor

Project Value: £80,000

Injection rods in the hall floor

Heating Oil Spill Peewit Cottage

Background

Heating oil from a faulty fire valve leakage, contaminating soil beneath a beam and block floor required novel treatment due to the floor and the low permeability clay soil. The floor construction prevented access for contaminated soil removal. RAW undertook several stages of treatment to achieve the required levels of clean up, including:

- Water flush was used to remove free product
- Pneumatic fracturing was undertaken to open up the clays
- Pneumatic fracturing helped to remove volatile contamination
- Chemical oxidants were injected under pressure over five injections
- Vacuum extraction was used to polish to achieve remedial targets

Project Success:

- Clean up completed in seven weeks
- Highly efficient removal of contamination achieved for clay soils
- Beam and block floor construction was the greatest limitation to clean up techniques
- Saved some £100,000 over alternative treatment costs

www.raw-group.com

UK: +44 (0) 845 166 8491 • Ireland: +353 (0) 7191 229 30