

RAW



Project Value: £100,000

Client: Developer

The remediation is now complete and the significant impacts recorded to date have included:

- The removal and disposal of a significant volume of petrol from beneath and adjacent to impacted properties
- Containment and reduction of the plume of hazardous vapours associated with the free product
- Removal of the free product plume

The work was completed on time and within budget, allowing the developer to continue their program of construction completion and sales.

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High Vacuum Extraction: Former Petrol Station

Background

RAW has recently successfully completed the remediation of petrol contamination identified remaining on site following removal of the former underground storage tanks by a third party. Petrol was identified in monitoring wells following tank removal and after the construction had commenced.

Construction timescales at the site required that the extraction be undertaken and completed within a very short time so that delays to construction and sales could be avoided.

Work carried out by RAW included the following:

- Delineation of the extent of free product and groundwater contamination
- Development and agreement of remedial strategy and remedial targets with the Local Authority and the Environment Agency
- Installation of a high vacuum extraction wellfield on a tightly spaced grid to allow for low permeability deposits
- Installation of an ATEX III compliant high vacuum system
- Remediation verification and post remediation monitoring and sign off by the regulators

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