

Project Profile: Co-Op Ashbourne Road, Derby

Former Site Use: Former Petrol Station

Client: Cooperative

Value: £35,000

Location: Derby

Remada

Due Diligence

Desk Study

Intrusive Ground Investigation

Human Health Risk Assessment

Water Resource Risk Assessment

Mining Risk Assessment

Preliminary Foundation Design Recommendations

Remediation Strategies & Method Statements

Pre-acquisition Advice

Abnormal Cost Assessment

Materials Management Plans & Declarations

UST Decommissioning

Soil Bio-remediation

Soil Stabilisation

In-situ Groundwater Remediation

EA Remediation Permit

Verification & Completion Reports

Soil Treatment Facility

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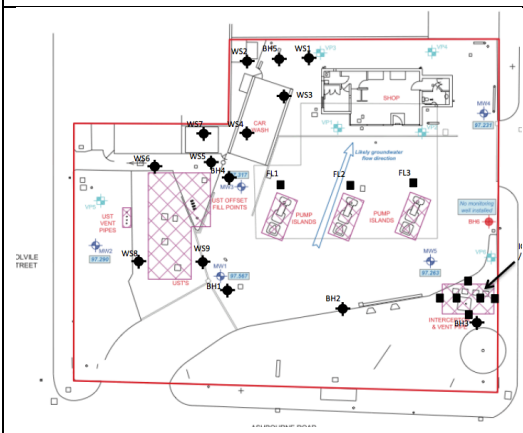
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Remada was commissioned by Key Property Solutions on behalf of the Central & Eastern England Co-operative to undertake site investigation and remediation works at former Petrol Filling Station (PFS) in Derby.



An environmental investigation had been carried out by the vendor, but was caveated due to the presence of Underground Fuel Storage Tanks (USTs) and live services. A geotechnical investigation was required for the proposed development and Remada combined the geotechnical work with contaminant delineation and a remediation strategy for the site.

The geotechnical assessment included settlement analysis for a proposed ground bearing floor slab and plate bearing testing during construction.



The remediation strategy enabled the client to retain decommissioned USTs beneath the proposed car park and significantly reduced redevelopment costs.

Due to the presence of adjacent residential properties and the retention of USTs, Remada conducted Soil Vapour Monitoring and risk assessment which resulted in a recommendation to mitigate vapours within the Remediation Strategy.

Remada obtained the relevant regulatory approvals for the scheme to proceed and installed a soil vapour extraction system on series of well heads around the former USTs.

A verification report was prepared on completion and included risk assessment of vapour and controlled waters.

