

# Project Profile: Residential Development Bioremediation

# Remada

Former Site Use: Bus Depot

Value: £80,000

Due Diligence

Client: Jones Homes (Northern) Ltd

Location: Leeds, Yorkshire

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

[www.remada.co.uk](http://www.remada.co.uk)

0845 505 5222

[greg.jones@remada.co.uk](mailto:greg.jones@remada.co.uk)  
[graham.wilson@remada.co.uk](mailto:graham.wilson@remada.co.uk)



Remada Ltd

The Courtyard  
Barston Lane  
Knowle  
Solihull  
B92 0HS

Registered in England

Remada was commissioned by Jones Homes to bio-remediate a former Bus Depot at Morley, Leeds in preparation for a development of more than 50 dwellings.

		<p>Remada reviewed the client's site investigation reports, and delineated the horizontal and vertical extent of TPH and PAH impacted soils in made ground and the underlying natural soils in order to provide a fixed price offer to remediate the site.</p> <p>Remada then prepared:</p> <ul style="list-style-type: none"> <li>a detailed Remediation Implementation Plan for the Local Authority, and</li> <li>a Deployment Plan to the Environment Agency,</li> </ul> <p>prior to commencement of on-site ex-situ bioremediation.</p>
<p>The scope of works comprised:</p> <ul style="list-style-type: none"> <li>Site clearance and grubbing out of relict foundations</li> <li>Excavation of shallow made ground for ex-situ bioremediation</li> <li>Excavation of deeper hotspots within nature natural soils for ex-situ bioremediation</li> <li>On-site bioremediation lasted for approximately 12 weeks and utilised Remada's REMU bucket to remove oversize brick and concrete prior to forming windrows for rotovation.</li> </ul>		
		<p>TPH and PAH concentrations were then monitored to ensure that the target levels were achieved and that the soils could be re-used in the development.</p> <p>Whilst the remediation works were progress, demolition proceeded elsewhere on site and Remada conducted a supplementary geoenvironmental/geotechnical ground investigation as part of overall verification of the site work.</p> <p>The combined report was the submitted for and gained regulatory approval to enable the development to proceed.</p>

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