



CASE STUDY 10

Gasworks Huddersfield

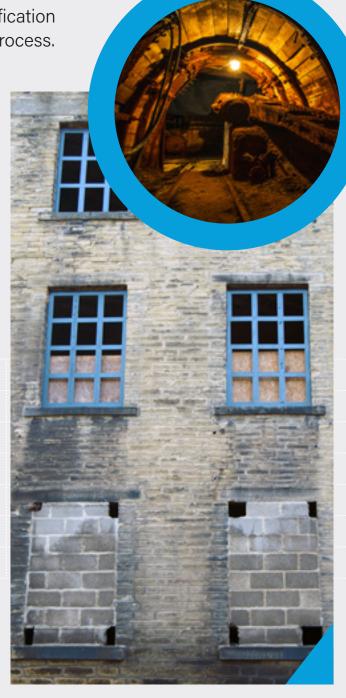
// BACKGROUND

This project was completed under a specification provided by our client in a formal tender process.

// SCOPE OF WORKS

The technical requirements included provision of:

- GPR survey of location positions
- Coal Mining Investigation 3 No. rotary open boreholes across site to a maximum depth of 30m below ground level. Grouting/reinstatement on completion of boreholes.
- 15 No. windowless sampled boreholes and 5 No. cable percussive boreholes (to a max. depth of 20m)
- Machine dug trial pits to locate foundations to former buildings on the site. Mark-out former building substructures on topographical plan for the site.
- Installation and readings of 20. No gas monitoring/ groundwater monitoring points.
- Laboratory testing
- Completion of geoenvironmental report followed by a remediation statement
- Organising car park reinstatement with groundworks contractors on behalf of the client.



// DELIVERY TIMELINE

Date	Action	
17 Feb 2021	Issue UXO Preliminary Report.	
5 Mar 2021	Issue Phase 1 Desk Study.	
8-11 Mar 2021	ON SITE Windowless sampling boreholes.	
15 Mar 2021	ON SITE Machine dug trial pits.	
15-23 Mar 2021 ON SITE Cable percussive boreholes.		
	Issue Flood Risk Assessment	
6-8 Apr 2021 ON SITE Rotary boreholes for coal investigation.		
30 Apr 2021	Issue Geoenvironmental report.	
7 May 2021	Issue Remediation statement.	



// PROJECT PERSONNEL

Role	Plant Type / Job Title	Training Qualifications
DRILLING Crew of 2 (x3)	PREMIER TRACKER 110 Drilling Rig DANDO TERRIER Drilling Rig LIGHT CABLE PERCUSSIVE Drilling Rig GEO205 Drilling Rig	All operatives have been trained in the use of the equipment. CSCS, First Aider. NVQ Land drilling (where applicable).
EXCAVATION Crew of 2 (x2)	JCB 3CX	CPCS (dumper driver)
SUPERVISING ENGINEER	Scott Alexander (engineer / manager)	BSc, FGS, SSSTS, Cat 4 Trained, First Aider, CSCS.
PRINCIPAL RGS ENGINEER	Steve Rogers, Technical Consultant	CEng, CGeol, MICE, MCIHT, FGS.
CONTRACTS MANAGER	Emma Lewis, Managing Director	LLB, ACIEH, SSSTS

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