



*B and L Homes Ltd
Higher Fields Farm
Mosshall Road
Heywood
OL10 2RE*

Monday, 10 July 2023

Ref: rep-tjba-baxter-buxton st-validation-150623.docx

Subject: **B & L Homes Ltd – Buxton Street, Heywood, Rochdale,
OL10 1BS.**

PHASE 4 - SITE VALIDATION.

Introduction.

Please find attached information concerned with validation of the environmental risks associated and identified within the approved Phase I & II Geoenvironmental Site Assessment Report authored by EP3 Ltd, Sept 2022, ref: 16-060-R1-1.

The planning approval certificate for the Site was issued in August 2021, ref: 21/00746/FUL. Pre-development condition 4 related to land contamination/environmental assessment, and is detailed below:

- 4 Prior to commencement of the development an investigation and risk assessment, in addition to any assessment provided with the planning application, must be completed to assess the nature and extent of any contamination on the site, whether or not it originates on the site. The investigation and risk assessment must be undertaken by competent persons and a written report of the findings must be produced and shall have been first submitted to and approved in writing by the Local Planning Authority before development commences. The report of the findings must include:
 - a. a survey of the extent, scale and nature of contamination
 - b. an assessment of the potential risks to:
 - i. human health,
 - ii. property (existing or proposed) including buildings, crops, livestock, pets, woodland, and service lines and pipes,
 - iii. adjoining land,
 - iv. groundwaters and surface waters,
 - v. ecological systems,
 - vi. archeological sites and ancient monuments;
 - c. where unacceptable risks are identified, an appraisal of remedial options and proposal of the preferred option(s).

The development shall thereafter be completed in full accordance with the approved recommendations.

T J Booth Associates were subsequently employed to provide a validation report detailing compliance with remediation specified in the approved Phase 1 & 2 recommendations.

Approved EP3 Phase 1 & 2 Report Recommendations.

The EP3 Phase 1 & 2 Report identified seven pollutant linkages (PL1-PL7) in the conceptual model as follows:

Continued...

Pollution linkage	Contaminant	Mitigation recommended in Phs 1 & 2 Report.	Validation Required
PL1 & PL2	Metals/non-volatile PAHs in made ground.	Cover to garden area & landscaped areas.	YES
PL3	ACM in made ground at 0.001%.	Cover to garden area & landscaped areas.	YES
PL4	Volatile hydrocarbons C21-35 in WS101 (2.6m) & in WS103 (1.6m) & naphthalene.	Vapour resistant membrane.	YES
PL4	CH ₄ , CO ₂ in made ground & coal measures.	Site assessed as CS1, no requirement for protective measures.	NO
PL5	Leachate analysis of lead in WS105 only.	Absence of significant mobile contamination & glacial soil to mitigate risk to aquifer.	NO
PL6	Sulphates in made ground (ash).	Soil assessed as DS1 AC1. Concrete to be designed accordingly.	NO
PL7	Organic hydrocarbons C21-35 in WS101 (2.6m) & in WS103 (1.6m).	Barrier pipe required.	NO

Validation of Pollutant Linkages.

Pollutant Linkage 1 & 2 – Metals/PAHs Soil Risk.

The only landscaped areas included in the final design were the gardens to the individual plots (areas B & C on the Validation Plan - Appendix), and the POS areas to the rear of the apartment block (area D on Validation Plan) as described below:

Area B individual front gardens: between 500-1000mm MOT, 100 sand blind & slate chipping finish.

Area C individual rear gardens: between 500-1000mm MOT, 100 sand blind & astroturf cover.

Area D communal landscaped area: geotextile, 250 MOT, 250 sand, 100 topsoil.

Topsoil testing was undertaken to prove the validity of contaminants for the proposed end use as per the table below:

Source of material:	Greenfield/manufactured.
Characterisation of material:	A visual screening of the material was undertaken by T J Booth Associates as the material was delivered to the Application Site. The material was immediately stockpiled in a clean hardstanding area within the Site, and was noted to be a dark brown silty loamy fine to coarse SAND topsoil with fine natural organic material.

Continued...

	There was no visual or olfactory evidence of any impurities or potential contaminative material. No evidence of invasive species roots or plant material was noted. There were no signs of asbestos containing materials. Visual inspection of the soil corroborated the provenance of the soil to be a greenfied/manufactured soil, and as such in line with the YALPAG guidance Appendix 1a (Sampling & Testing Matrix) which indicates for such soil, a minimum of 3 samples were required to be tested for standard metals/metaloids, speciated PAH, and asbestos screening. Three samples were taken from the stockpile and sealed in snap top clear plastic containers and amber jars as required by testing laboratories, and sent to Envirolab Ltd to be tested for metals, speciated PAH, inorganics, SOM, and asbestos screen.
Suitability of material:	On return the samples were analysed by TJ Booth Associates and compared against threshold values for a residential end use. All samples passed the contaminant testing, with all results well below threshold values for a residential end use. The topsoil is therefore considered suitable for use in a residential setting.
Stockpiling of material:	The topsoil was stockpiled on Site in a hardstanding area where no contamination could occur & while testing was undertaken.
Verification of depth:	See photos in Appendix.

The risk from this pollutant linkage is mitigated.

Pollutant Linkage 3 – Asbestos Soil Risk.

All asbestos on Site was quantified to 0.001%. The existing ground in landscaped areas has been covered to a suitable depth in all areas as above.

Pollutant Linkage 4 – Hydrocarbons Vapour Risk.

The E3P report vapour risk was based identification of hydrocarbons above residential thresholds on the soil analysis at a 1% SOM value, and indicated to be conservative. However, the TOC value for each of the relevant areas was given at 5.1%.

There is a direct average correlation of TOC to SOM, where around 58% of SOM is made up of total carbon, and to convert TOC to SOM requires a coefficient of 1.72. With TOC at 5.1% in both of the window sample boreholes it was identified - WS101 (at 2.6m) and WS103 (at 1.6m), the corrected SOM value for these samples is estimated at 8.77%.

At this SOM value, the threshold level of hydrocarbon increases, and the hydrocarbons are within the ranges allowed for residential end uses. Due to this risk reduction, no vapour risk assessment or subsequent protection is required. Refer to updated analysis table below with 6% SOM.

Continued...

Client / Site:		Baxter - Buxton St, Heywood.					
Sample Type:		Soil Samples WS101 (2.6m) & WS103 (1.6m)					
Sampling Date:		08/07.2022					
Contaminant		No	Max	Mean	t 95	RESIDENTIAL (with or without plant uptake)	
						Pass/Fail	Comment
METALS	Mercury as Hg, dry weight	2	1.1	0.7	1.06	1.2	PASS
ORGANIC	SOM	2	6	6	6		
	PAH naphthalene	2	9.7	6.2	9.35	13	PASS
	FUEL aliphatic EC 5-6	2	1	1	1	160	PASS
	FUEL aliphatic EC 6-8	2	0.1	0.1	0.1	530	PASS
	FUEL aliphatic EC 8-10	2	0.1	0.1	0.1	150	PASS
	FUEL aliphatic EC 10-12	2	11	7.95	10.695	760	PASS
	FUEL aliphatic EC 12-16	2	84	51.5	80.75	4300	PASS
	FUEL aliphatic EC 16-35	2	1810	1570	1786	110000	PASS
	FUEL aliphatic EC 35-44	2	160	107.5	154.75	110000	PASS
	FUEL aromatic EC 5-7, Benzene	2	1.1	1.1	1.1	300	PASS
	FUEL aromatic EC 7-8, Toluene	2	0.1	0.1	0.1	660	PASS
	FUEL aromatic EC 8-10	2	0.1	0.1	0.1	190	PASS
	FUEL aromatic EC 10-12	2	11	7.95	10.695	380	PASS
	FUEL aromatic EC 12-16	2	84	51.5	80.75	660	PASS
	FUEL aromatic EC 16-21	2	500	355	485.5	930	PASS
	FUEL aromatic EC 21-35	2	1600	1215	1561.5	1700	PASS
	FUEL aromatic EC 35-44	2	160	107.5	154.75	1700	PASS

The risk from this pollutant linkage is mitigated.

Pollutant Linkage 4 – CH4 & CO2 Ground Gas Risk.

The E3P report undertook gas monitoring, and found the Site to be absent of either methane or carbon dioxide production. Flow rate levels were also absent. The Site was classified as CS1.

The risk from this pollutant linkage is mitigated.

Pollutant Linkage 5 – Lead/Leachate Risk.

Leachate analysis of lead exceedance was noted in one sample only, and was considered to be mitigated due to the natural glacial clay barrier protecting the underlying bedrock aquifer. The single exceedance was also a factor in the mitigation noting no significant mobile contamination across the Site.

The risk from this pollutant linkage is mitigated.

Pollutant Linkage 6 – Sulphates Soil Risk.

Not considered to be a risk as the design class was at the lowest level.

Pollutant Linkage 6 – Water Pipe Assessment Risk.

The water pipe assessment correctly assessed the risk from contaminants at normal water pipe depth within the Site to be of low risk as long as ground levels were not reduced. The report did note that deeper hydrocarbons were noted above UKWIR PSRAS tables threshold levels for EC1-16 & EC16-40.

Proposed Site levels are to be nominally similar to predevelopment (ie, no reduction).

The water pipe risk will be controlled by the UU Risk Assessment procedure but at standard depth will not come into contact with hydrocarbons contaminated soils.

Conclusions.

No residual risk.

Continued...

This report should be submitted to Rochdale MBC Contaminated Land Department for final Condition discharge.

Signed.....



D.S. Slattery BSc (Hons).

T J Booth Associates.

Authorised...



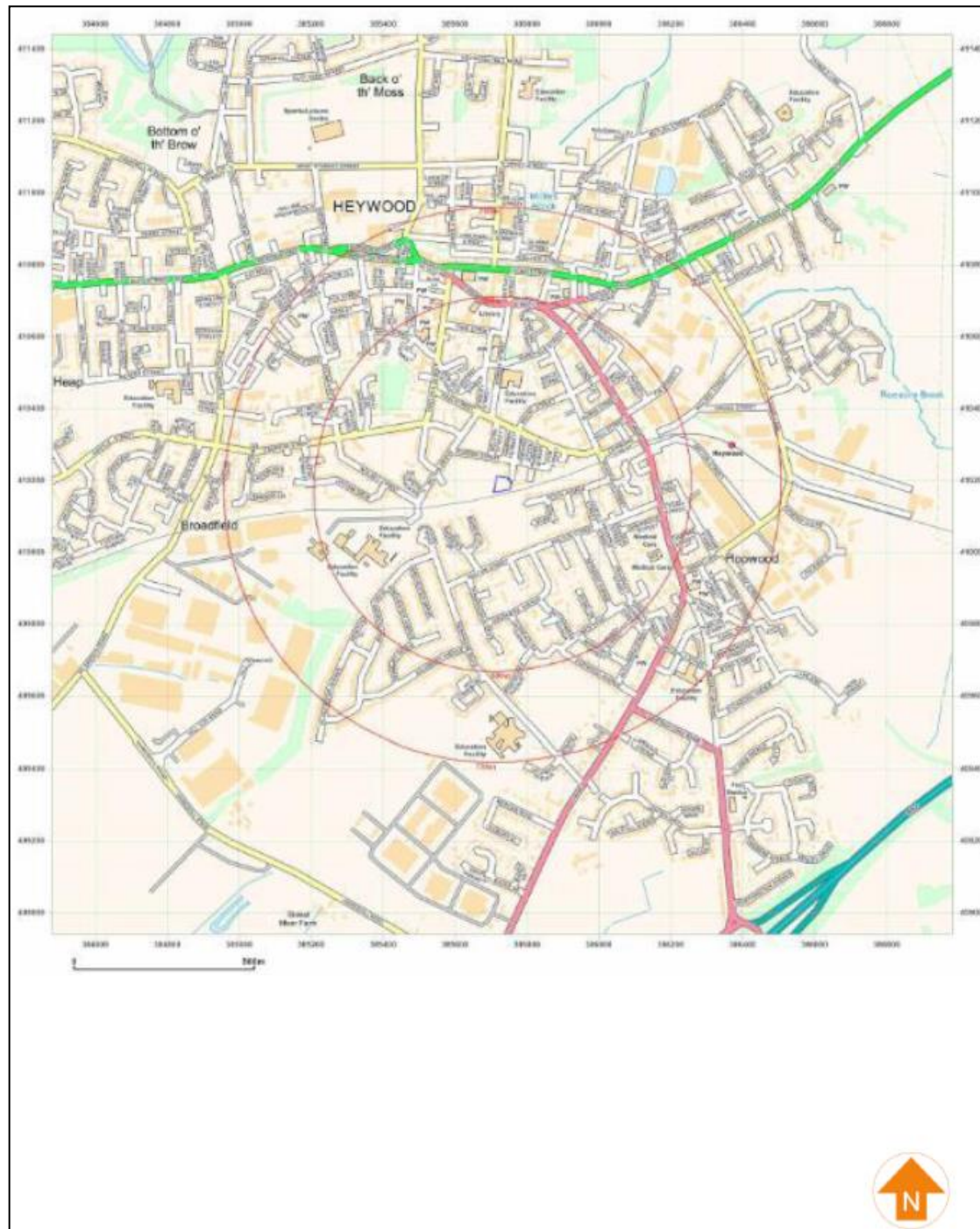
T J Booth BSc (Hons), C. Eng. C. Env. MICE.

T J Booth Associates.

Continued...

Appendix.

Location Plan.



Continued...

Site Validation Plan.



Continued...

Toposoil Validation Laboratory Analysis.

Client / Site:		Baxter - Buxton St, Heywood.					
Sample Type:		Topsoil validation samples VS1-3					
Sampling Date:		08/07.2022					
Contaminant		No	Max	Mean	t 95	RESIDENTIAL (with or without plant uptake)	
						Pass/Fail	Comment
METALS	Arsenic as As, dry weight	3	6.00	5.33	5.90	37	PASS
	Boron as B, hot water sol dw	3	1.30	1.20	1.29	290	PASS
	Cadmium as Cd, dry weight	3	0.50	0.50	0.50	22	PASS
	chromium as Cr(III) dry weight	3	17.00	13.33	16.50	910	PASS
	Chromium as Cr(VI), dry weight	3	1.00	1.00	1.00	21	PASS
	Copper, as Dry Weight	3	22.00	20.33	21.90	2400	PASS
	Lead, as Dry Weight	3	42.00	38.00	41.70	200	PASS
	Mercury as Hg, dry weight	3	0.39	0.31	0.39	1.2	PASS
	Nickel as Ni, dry weight	3	11.00	10.00	10.90	130	PASS
	Selenium as Se, dry weight	3	1.00	1.00	1.00	250	PASS
	Zinc as Zn, dry weight	3	51.00	48.00	50.80	3700	PASS
INORGANIC	Cyanide (Total)	3	1.00	1.00	1.00	2.5	PASS
	Sulphate (Total) as SO4	3	0.14	0.10	0.13	0.24	PASS
	Sulphide	3	120.00	43.33	108.50	250	PASS
	pH	3	8.14	8.11	8.14	6 to 8	ALKALINE
	Sulphur (Elemental)	3	10.00	9.00	9.90	100	PASS
	Asbestos Identification	3	0.00	0.00	0.00	0	PASS
ORGANIC	SOM	3	6.00	6.00	6.00		
	PAH acenaphthene	3	0.04	0.03	0.04	1100	PASS
	PAH acenaphthylene	3	0.01	0.01	0.01	920	PASS
	PAH anthracene	3	0.06	0.05	0.06	11000	PASS
	PAH benzo[a]anthracene	3	0.23	0.22	0.23	13	PASS
	PAH benzo[a]pyrene	3	0.27	0.24	0.27	5	PASS
	PAH benzo[b]fluoranthene	3	0.32	0.28	0.32	3.7	PASS
	PAH benzo[g,h,i]perylene	3	0.18	0.16	0.18	350	PASS
	PAH benzo[k]fluoranthene	3	0.08	0.08	0.08	100	PASS
	PAH chrysene	3	0.28	0.27	0.28	27	PASS
	PAH dibenz[ah]anthracene	3	0.04	0.04	0.04	0.3	PASS
	PAH fluoranthene	3	0.49	0.46	0.49	890	PASS
	PAH fluorene	3	0.03	0.02	0.03	860	PASS
	PAH indeno[123-cd]pyrene	3	0.19	0.17	0.19	41	PASS
	PAH naphthalene	3	0.03	0.03	0.03	13	PASS
	PAH phenanthrene	3	0.24	0.22	0.24	440	PASS
	PAH pyrene	3	0.45	0.42	0.45	2000	PASS
	PAH PAH (Total - SUM EPA16)	3	2.77	2.59	2.75	1	comment
	SVOC phenol	3	0.20	0.20	0.20	380	PASS

Continued...

Toposoil Validation Laboratory Certification.



Units 7 & 8 Sandpits Business Park
Mottram Road, Hyde, Cheshire, SK14 3AR

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 23/06025
Issue Number: 1
Date: 05 July, 2023

Client: T J Booth Associates
20a East Gate Street
Rochdale
Rochdale
Greater Manchester
UK
OL16 1DH

Project Manager: Daniel Slattery
Project Name: Baxter - Buxton Street, Heywood.
Project Ref: Not specified
Order No: N/A
Date Samples Received: 19/06/23
Date Instructions Received: 19/06/23
Date Analysis Completed: 04/07/23

Approved by:

Richard Wong
Client Manager



1247

Continued...



Envirolab Job Number: 23/06025

Client Project Name: Baxter - Buxton Street, Heywood.

Client Project Ref: Not specified

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3						
Client Sample No	V81	V82	V83						
Client Sample ID	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile						
Depth to Top									
Depth To Bottom									
Date Sampled	16-Jun-23	16-Jun-23	16-Jun-23						
Sample Type	SOIL	SOIL	SOIL						
Sample Matrix Code	4AE	4AE	4AE						
	Units	Limit of Detection	Method ref						
% Stones >10mm _s	1.2	0.8	1.2				% w/w	0.1	A-1-044
pH _s TM	8.08	8.14	8.11				pH	0.01	A-1-021a
Sulphate (acid soluble) _s TM	1400	730	720				mg/kg	200	A-1-028a
Cyanide (total) _s TM	<1	<1	<1				mg/kg	1	A-1-043/128
Phenols - Total by HPLC _s	<0.2	<0.2	<0.2				mg/kg	0.2	A-1-086a
Sulphide _s	<6	<6	120				mg/kg	6	A-1-040-a
Sulphur (elemental) _s TM	9	10	8				mg/kg	6	A-1-029a
Organic Matter _s TM	7.6	6.0	6.6				% w/w	0.1	A-1-022a
Arsenic _s TM	6	8	6				mg/kg	1	A-1-024a
Boron (water soluble) _s TM	1.1	1.2	1.3				mg/kg	1	A-1-027a
Cadmium _s TM	<0.6	<0.6	<0.6				mg/kg	0.6	A-1-026a
Copper _s TM	21	22	18				mg/kg	1	A-1-024a
Chromium _s TM	17	12	11				mg/kg	1	A-1-024a
Chromium (hexavalent) _s	<1	<1	<1				mg/kg	1	A-1-046a
Lead _s TM	38	42	33				mg/kg	1	A-1-024a
Mercury _s	<0.17	0.38	0.38				mg/kg	0.17	A-1-024a
Nickel _s TM	11	10	9				mg/kg	1	A-1-024a
Selenium _s TM	<1	<1	<1				mg/kg	1	A-1-024a
Zinc _s TM	61	48	44				mg/kg	6	A-1-024a

Continued...



Envirolab Job Number: 23/06025

Client Project Name: Baxter - Buxton Street, Heywood.

Client Project Ref: Not specified

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3							
Client Sample No	V81	V82	V83							
Client Sample ID	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile							
Depth to Top										
Depth To Bottom										
Date Sampled	16-Jun-23	16-Jun-23	16-Jun-23							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4AE	4AE	4AE							
Asbestos in Soil (inc. matrix)										
Asbestos in soils ^a	NAD	NAD	NAD							A-1948
Asbestos Matrix (visual) ₁₀	-	-	-							A-1948
Asbestos Matrix (microscope) ₁₀	-	-	-							A-1948
Asbestos ACM - Suitable for Water Absorption Test? ₁₀	N/A	N/A	N/A							A-1948

Continued...



Envirolab Job Number: 23/06025

Client Project Name: Baxter - Buxton Street, Heywood.

Client Project Ref: Not specified

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3					Units	Limit of Detection	Method ref
Client Sample No	V81	V82	V83							
Client Sample ID	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile							
Depth to Top										
Depth To Bottom										
Date Sampled	15-Jun-23	15-Jun-23	15-Jun-23							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4AE	4AE	4AE							
PAH-16MS										
Acenaphthene _Σ ^{MS}	0.02	0.04	0.02					mg/kg	0.01	A1004
Acenaphthylene _Σ ^{MS}	<0.01	<0.01	<0.01					mg/kg	0.01	A1004
Anthracene _Σ ^{MS}	0.05	0.08	0.05					mg/kg	0.02	A1004
Benzo(a)anthracene _Σ ^{MS}	0.23	0.21	0.23					mg/kg	0.04	A1004
Benzo(a)pyrene _Σ ^{MS}	0.24	0.20	0.27					mg/kg	0.04	A1004
Benzo(b)fluoranthene _Σ ^{MS}	0.28	0.24	0.32					mg/kg	0.05	A1004
Benzo(ghi)perylene _Σ ^{MS}	0.18	0.15	0.18					mg/kg	0.05	A1004
Benzo(k)fluoranthene _Σ ^{MS}	0.08	<0.07	0.08					mg/kg	0.07	A1004
Chrysene _Σ ^{MS}	0.28	0.24	0.28					mg/kg	0.08	A1004
Dibenz(a,h)anthracene _Σ ^{MS}	<0.04	<0.04	<0.04					mg/kg	0.04	A1004
Fluoranthene _Σ ^{MS}	0.44	0.44	0.48					mg/kg	0.08	A1004
Fluorene _Σ ^{MS}	0.02	0.03	0.02					mg/kg	0.01	A1004
Indeno(123-cd)pyrene _Σ ^{MS}	0.17	0.15	0.19					mg/kg	0.03	A1004
Naphthalene _Σ ^{MS}	<0.03	<0.03	<0.03					mg/kg	0.03	A1004
Phenanthrene _Σ ^{MS}	0.22	0.24	0.19					mg/kg	0.03	A1004
Pyrene _Σ ^{MS}	0.41	0.38	0.45					mg/kg	0.07	A1004
Total PAH-16MS _Σ ^{MS}	2.81	2.38	2.77					mg/kg	0.01	A1004

Report Notes

General

This report shall not be reproduced, except in full, without written approval from Envirolab.

The results reported herein relate only to the material supplied to the laboratory.

The residue of any samples contained within this report, and any received within the same delivery, will be disposed of six weeks after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of six months after the initial Asbestos testing is completed.

Analytical results reflect the quality of the sample at the time of analysis only.

Opinions and Interpretations expressed are outside our scope of accreditation.

The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.

A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.

Key

Superscript "P"	Accredited to ISO 17025
Superscript "M"	Accredited to MCERTS
Superscript "U"	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript "A"	Analysis performed on as-received Sample
Subscript "D"	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript "XX"	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
N/A	Not applicable

Asbestos

Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

Quantification of asbestos is a 3 stage process including visual identification, hand picking and weighing, and fibre counting by sedimentation/phase contrast optical microscopy if required. If asbestos is identified as being present but is not in a form that is suitable for analysis by hand picking and weighing (normally if the asbestos is present as free fibres) quantification by sedimentation is performed. Where ACMs are found a percentage asbestos is assigned to each with reference to HSG264, Asbestos. The survey guide and the calculated asbestos content is expressed as a percentage of the dried soil sample aliquot used.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCERTS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as % stones >10mm.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any "A" subscripts. All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results "with Clean up" indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from "TPH CWG with clean up" please note that the concentration is NOT included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the accreditation range and as such are unaccredited.

Please contact your client manager if you require any further information.

Continued...



Envirolab Deviating Samples Report
Units 7&8 Sandpits Business Park, Mottram Road, Hyde, SK14 3AR
Tel. 0161 368 4921 email. ask@envirolab.co.uk

Client: T J Booth Associates, 20a East Gate Street, Rochdale, Rochdale, Greater Manchester, UK, OL16 1DH
Project: Baxter - Buxton Street, Heywood.
Clients Project No:

Project No: 23/06025
Date Received: 19/06/2023 (am)
Cool Box Temperatures (°C): 20.1

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3
Client Sample No	VS1	VS2	VS3
Client Sample ID/Depth	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile
Date Sampled	15/06/23	15/06/23	15/06/23
Deviation Code			
F	✓	✓	✓

Key
F Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3
Client Sample No	VS1	VS2	VS3
Client Sample ID/Depth	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile
Date Sampled	15/06/23	15/06/23	15/06/23
Sulphide	✓	✓	✓

Note: If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3 (for water samples $5 \pm 3^\circ\text{C}$), ISO 18400-105:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Page 6 of 7



Envirolab Analysis Dates

Lab Sample ID	23/06025/1	23/06025/2	23/06025/3
Client Sample No	VS1	VS2	VS3
Client Sample ID/Depth	Topsoil Stockpile	Topsoil Stockpile	Topsoil Stockpile
Date Sampled	15/06/23	15/06/23	15/06/23
A-T-019s	30/06/2023	30/06/2023	30/06/2023
A-T-024s	03/07/2023	03/07/2023	03/07/2023
A-T-027s	04/07/2023	04/07/2023	04/07/2023
A-T-028s	04/07/2023	04/07/2023	04/07/2023
A-T-029s	03/07/2023	03/07/2023	03/07/2023
A-T-031s	03/07/2023	03/07/2023	03/07/2023
A-T-032s	03/07/2023	03/07/2023	03/07/2023
A-T-040s	04/07/2023	04/07/2023	04/07/2023
A-T-042sTCN	22/06/2023	22/06/2023	22/06/2023
A-T-043-s	23/06/2023	23/06/2023	23/06/2023
A-T-044	03/07/2023	03/07/2023	03/07/2023
A-T-045	27/06/2023	27/06/2023	27/06/2023
A-T-050s	26/06/2023	26/06/2023	26/06/2023

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Page 7 of 7

Continued...

Photos.



Topsoil import stockpile, virgin quarried sand & MOT in the b/g

Continued...



Buildup of soft landscaping around the apartment block, comprising nominally: geotextile, 250 MOT, 250 sand, 100 topsoil.

Continued...



Buildup of garden areas to the rear of the individual plots, comprising nominally: up to 1m MOT fill (500mm MOT indicated, 100 sand blind & astroturf cover). Front gardens comprise the same with a slate chipping finish.