

Our Reference: 5238-G-L001

Date: 12th January 2024

Rob Symons
Contracts Manager
Vinci Building
Ditton Road,
Widnes
Cheshire
WA8 0PG

Head Office
Dane Mill Business Centre,
Broadhurst Lane, Congleton,
Cheshire, CW12 1LA.
t 01565 755557 www.id-geo.co.uk

Dear Rob,

Radcliffe Hub, Radcliffe
Summary of Findings for Post-Demolition Trial Pit Investigation

We are pleased to provide the following summary of findings from our post-demolition trial pit investigation at the above site, to satisfy the requirements of Sections 6.4 and 7.3 of the agreed Remediation Strategy/ Statement (IDG Report Ref. 5238-G-R002 Rev B dated April 2023).

Trial Pitting

Following demolition works to slab level, enabling works to remove slabs were commenced and IDG attended site on 5th January 2024 at the clients' request to undertake a post-demolition phase of trial pitting at the site. The works comprised the excavation of 9 No. trial pits, supervised and logged by an experienced IDG geoenvironmental engineer, with appropriate sampling and subsequent laboratory testing to satisfy the verification requirements for the Made Ground Turnover.

Investigation locations (TP01 to TP09) are presented on the enclosed Exploratory Hole Location Plan, Drg Ref. 5238-G-D004-Rev C. Locations were selected to provide adequate spatial coverage of the area beneath the former buildings, and targeting the footprint of the former Dye Works as a potential historic source of contamination.

Ground Conditions

Full details of the ground conditions encountered are presented on the enclosed exploratory hole logs. In brief, the trial pits broadly encountered an upper horizon of Made Ground, typically extending to depths of between 1.1m and 1.8m. The Made Ground comprised predominantly granular material, with coarse demolition/ construction type materials pervasive throughout, within a sand and/or ash-based matrix with occasional clayey pockets. A thin basal horizon of Made Ground with a cohesive matrix was proven locally in TP04 and TP05.

Made Ground was underlain by natural Glaciofluvial Deposits, which were proven in the west of the site (TP01 to TP03) to comprise a friable cohesive sandy, gravelly CLAY which the engineer considered to be in a firm condition. The remainder of the area of investigation encountered granular natural strata, comprising predominantly SAND, with variable proportions of cobbles, gravels and silt. Excavations were noted to stay open with minimal collapse of natural granular deposits, which would indicate the material to be at least medium-dense.

No groundwater was encountered within any of the pits excavated.

Contamination, Laboratory Testing and Assessment of Results

During the trial pitting investigation, IDG's engineer did not encounter any visual or olfactory evidence of potentially mobile organic contamination. Similarly, no potential asbestos containing materials were visually identified during the works.

IDG obtained a number of samples from the various materials encountered, and these were submitted to an accredited laboratory, along with a representative schedule of testing prepared by IDG in accordance with the requirements set out in Section 7.3 of the Remediation Statement. In addition, at the clients' request, 5 No. samples were also subjected to WAC Testing to assist with potential off-site disposal of any surplus materials generated during the works.

A copy of the laboratory test result certificate is enclosing, along with IDG's summary assessment tables comparing the laboratory results against the agreed commercial end-use assessment criteria specified in the Remediation Statement.

The chemical test results did not identify any exceedances of any of the inorganic or organic determinants. One sample (TP04 at 0.2m) returned a positive detect for loose Chrysotile Fibres. Subsequent quantification testing of this sample confirmed the asbestos mass to be <0.001% (compared to remediation threshold of 0.1%), and therefore requires no further attention from a remediation perspective in terms of long-term protection of end-users.

Conclusions

On the basis of the above and enclosed findings, IDG are satisfied that the post-demolition phase of investigation has been completed to meet and validate the requirements set out in Sections 6.4 and 7.3 of the agreed Remediation Statement.

No significant contamination has been encountered, and therefore IDG are happy for the site turnover to remove relict foundations, structures and oversize to progress.

The turnover works are to be subject to a part-time watching brief by an IDG engineer, and also in conjunction with the Hotspot Protocol set out in the Remediation Statement should the contractor or IDG identify any suspected unforeseen contamination.

Please note however that given the presence of the asbestos detect in TP04, we would advise that any turnover of demolition type materials should be undertaken with appropriate provision for damping down of materials to avoid generation of dust and potential release of airborne fibres in accordance with current best practice.

This is primarily to prevent transient short-term risks to workers on site and members of the public given the close proximity to publicly accessible areas in an urban location. Given the recent weather conditions, we consider the materials to currently have a reasonably high moisture content and are unlikely to generate significant dust, however should materials begin to dry, or particularly during any crushing activities, we recommend Ruttle / Vinci have the ability to deploy dust suppression as and when necessary.

A copy of this document will be presented within the final verification report, however IDG propose to issue a copy of this letter to the EHO on your instruction to allow early consideration and approval of the findings ahead of the final verification report.

We trust the above and enclosed information is satisfactory for your current requirements, however should you have any queries please do not hesitate to contact us.

Yours Sincerely,



Liam Murphy
BSc (Hons) Geology, CGeol, FGS
Principal Geoenvironmental Engineer
for and on behalf of
iD GEOENVIRONMENTAL LIMITED

Enclosed:

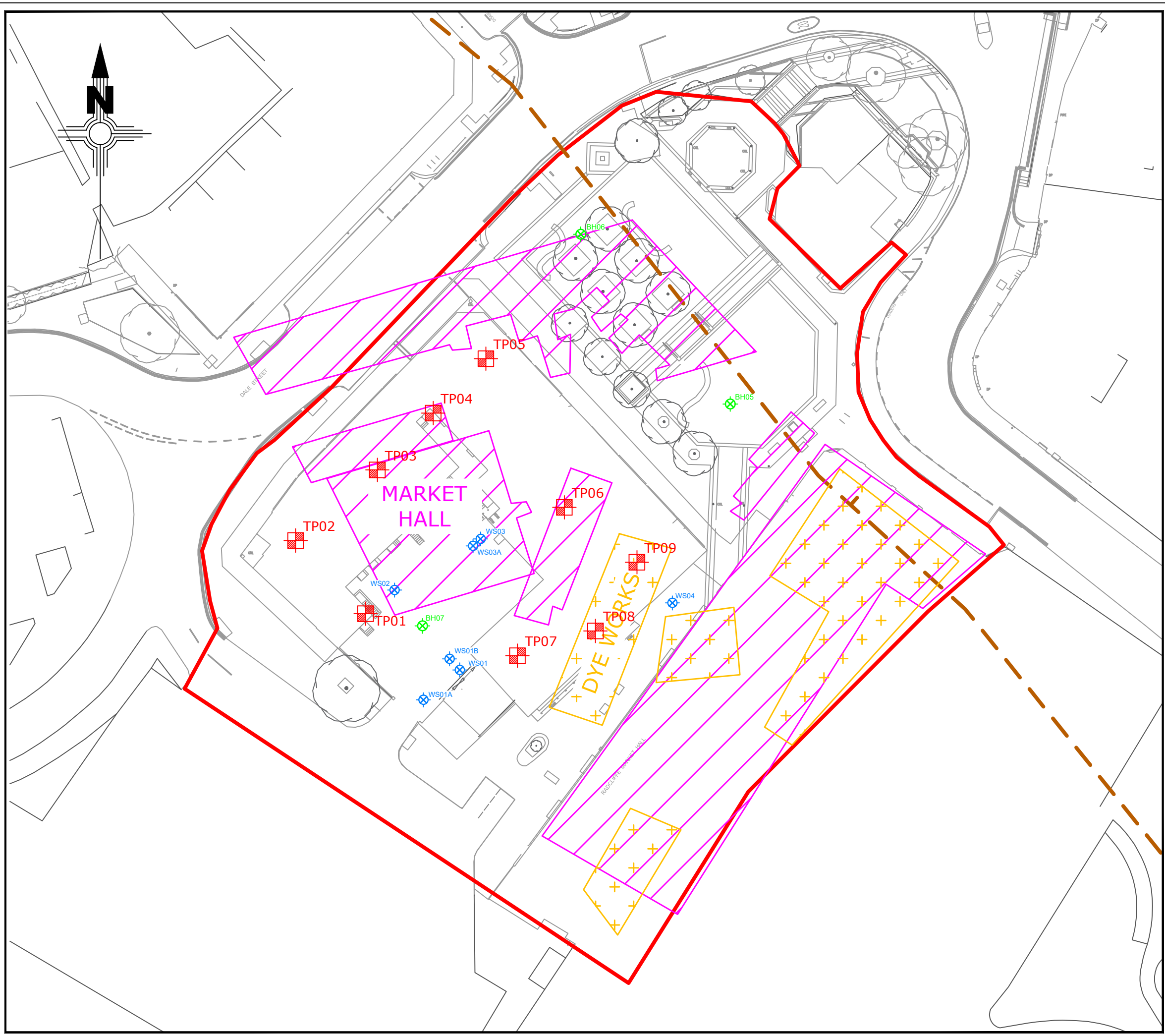
Exploratory Hole Location Plan (Drg. Ref. 5238-G-D004-RevC)

Trial Pit Log Records (TP01 to TP09)

Laboratory Chemical Analysis (24-00102-1)

iD Geo Chemical Data Summary Tables

A3 border: 309 X 273



The Employer must not amend any drawing, design or other intellectual property produced by IDG, without permission in writing from IDG in advance of any amendments being made. In the event that such written permission is not obtained in advance of the amendments being made, IDG shall not be liable for any damage and/or losses occurring as a result of the amended drawing, design or other intellectual property.

KEY

- Site Boundary
- TP IDG Trial Pit Location (Post-Demo - Jan 2024)
- WS IDG Window Sample Location 2022
- BH IDG Rotary Borehole Location 2022
- Approximate Location of Inferred Geological Fault
- Historical Site Feature - 1848 OS Plan
- Historical Site Feature - 1893 OS Plan

Revision	Description	Date
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iGeo

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Tel: 01565 755557
Fax: 01565 740263

CLIENT

BURY COUNCIL

JOB TITLE

RADCLIFFE HUB

DRAWING TITLE

EXPLORATORY HOLE LOCATION PLAN

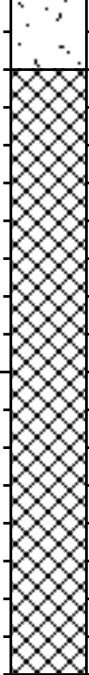
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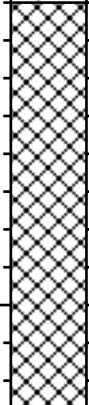
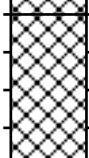
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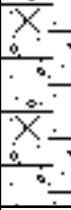
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APPROVED BRB	SIGNATURE	DATE 08-01-24
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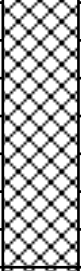
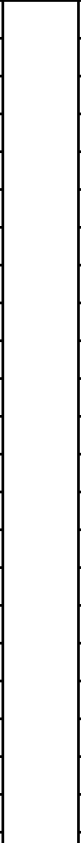
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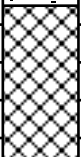
 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP01	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406941.902	E Coord: 378511.203	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
0.60	ES				0.20	MADE GROUND: Concrete Hardstand (CONCRETE HARDSTAND)	
					1.00	MADE GROUND: Brown cobbly gravelly clayey ashy SAND with pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick and concrete, with occasional fragments of pottery, glass and pieces of wire. (DEMOLITION MADE GROUND)	
2.00	ES				1.80	Light brown friable slightly silty very sandy CLAY. (COHESIVE GLACIOFLUVIAL DEPOSITS)	
					2.00		
					2.10	End Of Trial Pit At 2.10 m	
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

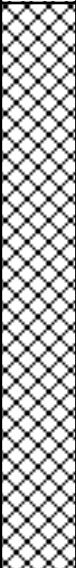
 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP02	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406951.705	E Coord: 378501.885	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
0.30	ES			   	0.20	MADE GROUND: Concrete Hardstand (CONCRETE HARDSTAND)	
					1.00	MADE GROUND: Red-brown ashly sandy gravelly COBBLES with occasional pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick, concrete and occasional sandstone. (DEMOLITION MADE GROUND)	
1.40	ES				1.30		
					1.70	MADE GROUND: Brown cobbly gravelly clayey ashly SAND with pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick and concrete, with occasional fragments of pottery and glass. (DEMOLITION MADE GROUND)	
					2.00	Grey-brown slightly gravelly sandy CLAY. Gravel is fine to coarse subangular to subrounded sandstone, mudstone and quartzite. (COHESIVE GLACIOFLUVIAL DEPOSITS)	
					2.20	End Of Trial Pit At 2.20 m	
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

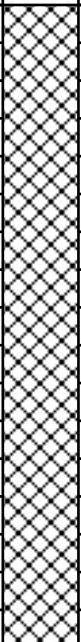
 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub				TP03	
			Project Number: 5238		Client: Bury Council			
			GL (mAOD):		N Coord: 406961.043		E Coord: 378512.726	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM		Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	
0.50	ES				0.20	MADE GROUND: Concrete Hardstand (CONCRETE HARDSTAND)		
						MADE GROUND: Red-brown ashy sandy gravelly COBBLES with occasional pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick, concrete and occasional sandstone. (DEMOLITION MADE GROUND)		
1.50	ES				1.00			
					1.20			
					1.60	MADE GROUND: Brown cobbly gravelly clayey ashy SAND with pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick and concrete, with occasional fragments of pottery and glass. (DEMOLITION MADE GROUND)		
						Orange-brown friable slightly gravelly very sandy CLAY. Gravel is fine to coarse subangular to subrounded sandstone, mudstone and quartzite. (COHESIVE GLACIOFLUVIAL DEPOSITS)		
					2.00			
					2.20			
						End Of Trial Pit At 2.20 m		



 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP04	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406968.706	E Coord: 378520.264	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
0.20	ES			    	0.15	MADE GROUND: Concrete Hardstand (CONCRETE HARDSTAND)	
					0.90	MADE GROUND: Red-brown to dark brown ashy sandy gravelly COBBLES with occasional pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick, concrete and occasional sandstone. (DEMOLITION MADE GROUND)	
1.00	ES				1.00	MADE GROUND: Grey-brown very gravelly very sandy CLAY with occasional fragments of brick (Likely re-worked natural strata). (COHESIVE MADE GROUND)	
					1.10	Orange-brown slightly cobbly very gravelly clayey SAND. Cobbles and fine to coarse gravel are subrounded sandstone and quartzite. (GRANULAR GLACIOFLUVIAL DEPOSITS)	
					1.80	End Of Trial Pit At 1.80 m	
					2.00		
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP05	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406975.95	E Coord: 378527.294	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
0.40	ES				0.15	MADE GROUND: Concrete Hardstand (CONCRETE HARDSTAND)	
					0.80	MADE GROUND: Red-brown to dark brown ashy sandy gravelly COBBLES with occasional pockets of ash and clinker. Cobbles and fine to coarse gravel are angular to subangular of brick, concrete and occasional sandstone. (DEMOLITION MADE GROUND)	
1.00	ES				1.00		
					1.20	MADE GROUND: Grey-brown very gravelly very sandy CLAY with occasional fragments of brick (Likely re-worked natural strata). (COHESIVE MADE GROUND)	
					2.00		
					2.10	Orange-brown slightly cobbly very gravelly clayey SAND. Cobbles and fine to coarse gravel are subrounded sandstone and quartzite. (GRANULAR GLACIOFLUVIAL DEPOSITS)	
						End Of Trial Pit At 2.10 m	
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP07	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406936.157	E Coord: 378531.473	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
0.50	ES				1.00	MADE GROUND: Dark brown-black slightly clayey cobbly gravelly ash and SAND. Cobbles and fine to coarse gravel are angular to subangular brick, concrete, slate, sandstone, clinker and pottery. (GRANULAR MADE GROUND)	
1.70	ES				1.50		
					1.90	Light grey slightly clayey fine to medium SAND. (GRANULAR GLACIOFLUVIAL DEPOSITS)	
					2.00	End Of Trial Pit At 1.90 m	
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub				TP08	
			Project Number: 5238		Client: Bury Council			
			GL (mAOD):		N Coord: 406939.522		E Coord: 378541.886	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM		Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water	
0.50	ES				1.00	MADE GROUND: Dark grey-black cobbly gravelly very clayey ash and SAND with pockets of sandy CLAY. Cobbles and fine to coarse gravel are angular to subangular brick, concrete and pottery. (GRANULAR MADE GROUND)		
1.80	ES				1.70			
					2.00	Orange-brown slightly cobbly very gravelly clayey SAND. Cobbles and fine to coarse gravel are subrounded sandstone and quartzite. (GRANULAR GLACIOFLUVIAL DEPOSITS) 1.80 - 2.00 Evidence of arched brick culvert in base of eastern end of pit. End Of Trial Pit At 2.00 m		
					3.00			
					4.00			
KEY					REMARKS			
D - Disturbed Sample					No Groundwater Encountered			
B - Bulk Sample					Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.			
W - Water Sample								
V - Hand Shear Vane kPa								
 - Groundwater Strike								
 - Groundwater Level								
								

 iD GeoEnvironmental Limited			Project Title: Radcliffe Hub			TP09	
			Project Number: 5238		Client: Bury Council		
			GL (mAOD):		N Coord: 406948.749	E Coord: 378547.348	
Date: 05/01/2024			Method: Tracked Excavator		Logged By: LM	Scale: 1:20	
Depth (m)	Type	Test Result	Level	Legend	Depth (m)	Description	Water
1.00	ES				1.00	MADE GROUND: Dark grey-black cobbly gravelly very clayey ash and SAND with pockets of sandy CLAY. Cobbles and fine to coarse gravel are angular to subangular brick, concrete and pottery. (GRANULAR MADE GROUND)	
1.80	ES				1.60		
					2.00	Light grey slightly clayey fine to medium SAND. (GRANULAR GLACIOFLUVIAL DEPOSITS) 1.90 - 2.00 Evidence of arched brick culvert in base of eastern end of pit. End Of Trial Pit At 2.00 m	
					3.00		
					4.00		
KEY D - Disturbed Sample B - Bulk Sample W - Water Sample V - Hand Shear Vane kPa  - Groundwater Strike  - Groundwater Level 						REMARKS No Groundwater Encountered Position coordinates and elevation are approximated from Topographic survey. No visual or olfactory evidence of hydrocarbon contamination.	

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 24/00102
Issue Number: 1
Date: 12 January, 2024

Client: iD GeoEnvironmental Ltd (Congleton)
Dane Mill Business Centre
Broadhurst Lane
Congleton
CW12 1LA

Project Manager: Liam Murphy
Project Name: Radcliffe Hub, Radcliffe
Project Ref: 5238
Order No: N/A
Date Samples Received: 05/01/24
Date Instructions Received: 08/01/24
Date Analysis Completed: 12/01/24

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/1	24/00102/3	24/00102/6	24/00102/7	24/00102/8	24/00102/10	24/00102/11	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP01	TP02	TP03	TP04	TP04	TP05	TP06			
Depth to Top	0.60	0.30	1.50	0.20	1.00	1.00	0.50			
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4A	3	4AB	4AB	3	3	3			
% Stones >10mm _A	10.7	<0.1	12.1	<0.1	6.7	9.6	6.8	% w/w	0.1	A-T-044
pH _D ^{M#}	10.58	7.79	7.44	9.09	7.75	7.51	7.16	pH	0.01	A-T-031s
Total Organic Carbon _D ^{M#}	3.52	0.65	4.42	3.65	3.48	0.81	6.10	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	11	1	11	12	9	5	14	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	76	16	33	40	35	22	50	mg/kg	1	A-T-024s
Chromium _D ^{M#}	26	22	14	16	20	20	17	mg/kg	1	A-T-024s
Lead _D ^{M#}	89	16	106	148	108	63	124	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	0.28	<0.17	0.75	0.33	0.20	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	37	17	18	38	17	16	28	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	150	60	74	44	71	80	111	mg/kg	5	A-T-024s

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/1	24/00102/3	24/00102/6	24/00102/7	24/00102/8	24/00102/10	24/00102/11	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP01	TP02	TP03	TP04	TP04	TP05	TP06			
Depth to Top	0.60	0.30	1.50	0.20	1.00	1.00	0.50			
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4A	3	4AB	4AB	3	3	3			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD	Chrysotile	NAD	NAD	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	Loose Fibres	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A	N/A			A-T-045
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing) _D	-	-	-	<0.001	-	-	-	% w/w	0.001	A-T-054

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/1	24/00102/3	24/00102/6	24/00102/7	24/00102/8	24/00102/10	24/00102/11	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP01	TP02	TP03	TP04	TP04	TP05	TP06			
Depth to Top	0.60	0.30	1.50	0.20	1.00	1.00	0.50			
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4A	3	4AB	4AB	3	3	3			
PAH-16MS										
Acenaphthene _A ^{M#}	0.57	1.31	<0.01	0.88	0.04	0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.01	0.04	<0.01	0.02	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.83	1.42	<0.02	1.14	0.12	0.05	0.04	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	2.18	2.88	<0.04	2.38	0.19	0.10	0.18	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	2.82	3.67	<0.04	2.73	0.21	0.10	0.18	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	3.01	3.90	<0.05	2.78	0.24	0.12	0.17	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	1.45	1.65	<0.05	1.30	0.12	<0.05	0.06	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	1.09	1.37	<0.07	0.91	<0.07	<0.07	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	2.08	2.74	<0.06	2.17	0.16	0.07	0.14	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.28	0.36	<0.04	0.28	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	6.49	8.40	<0.08	6.08	0.37	0.17	0.29	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.20	0.58	<0.01	0.50	0.02	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	1.44	1.69	<0.03	1.26	0.12	0.05	0.06	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.10	0.69	<0.03	2.20	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	3.16	5.46	<0.03	4.53	0.24	0.11	0.04	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	5.49	6.89	<0.07	5.12	0.30	0.13	0.30	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	31.2	43	<0.08	34.3	2.13	0.91	1.46	mg/kg	0.01	A-T-019s

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/1	24/00102/3	24/00102/6	24/00102/7	24/00102/8	24/00102/10	24/00102/11	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP01	TP02	TP03	TP04	TP04	TP05	TP06			
Depth to Top	0.60	0.30	1.50	0.20	1.00	1.00	0.50			
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24	05-Jan-24			
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
Sample Matrix Code	4A	3	4AB	4AB	3	3	3			
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<2	<2	<2	<10	<2	<2	<2	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	5	<1	<10	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	1	14	<1	12	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	3	14	<1	16	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	25	43	5	53	4	1	1	mg/kg	1	A-T-055s
Total Aliphatics _A	29	76	5	81	4	<2	<2	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<5	<5	<5	16	<5	<5	<5	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	52	<1	45	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	7	130	1	322	1	<1	<1	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	29	302	2	691	3	<1	1	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	106	677	7	794	12	3	5	mg/kg	1	A-T-055s
Total Aromatics _A	143	1160	10	1870	16	<5	6	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	172	1240	16	1950	21	<5	7	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/13	24/00102/15	24/00102/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP07	TP08	TP09							
Depth to Top	0.50	0.50	1.00							
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4A	4A	4A							
% Stones >10mm _A	11.4	16.3	6.0					% w/w	0.1	A-T-044
pH _D ^{M#}	7.55	7.89	7.39					pH	0.01	A-T-031s
Total Organic Carbon _D ^{M#}	8.69	6.66	14.7					% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	15	14	45					mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.7	0.7	1.6					mg/kg	0.5	A-T-024s
Copper _D ^{M#}	71	76	165					mg/kg	1	A-T-024s
Chromium _D ^{M#}	22	20	17					mg/kg	1	A-T-024s
Lead _D ^{M#}	110	87	248					mg/kg	1	A-T-024s
Mercury _D	0.32	<0.17	<0.17					mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	35	29	45					mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	2					mg/kg	1	A-T-024s
Zinc _D ^{M#}	132	117	353					mg/kg	5	A-T-024s

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/13	24/00102/15	24/00102/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP07	TP08	TP09							
Depth to Top	0.50	0.50	1.00							
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4A	4A	4A							
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD							A-T-045
Asbestos Matrix (visual) _D	-	-	-							A-T-045
Asbestos Matrix (microscope) _D	-	-	-							A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A							A-T-045

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/13	24/00102/15	24/00102/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP07	TP08	TP09							
Depth to Top	0.50	0.50	1.00							
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4A	4A	4A							
PAH-16MS										
Acenaphthene _A ^{M#}	0.28	0.27	<0.01					mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.04	0.01	<0.01					mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.86	0.45	0.04					mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	1.55	1.06	0.08					mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	1.95	1.22	0.05					mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	2.19	1.35	0.06					mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	1.03	0.60	<0.05					mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.68	0.42	<0.07					mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	1.43	0.97	<0.06					mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.20	0.12	<0.04					mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	3.98	2.96	0.12					mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.16	0.11	<0.01					mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.98	0.57	<0.03					mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.13	0.11	<0.03					mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	2.23	1.70	0.06					mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	3.27	2.44	<0.07					mg/kg	0.07	A-T-019s
Total PAH-16MS _A	21	14.4	0.41					mg/kg	0.01	A-T-019s

Envirolab Job Number: 24/00102

Client Project Name: Radcliffe Hub, Radcliffe

Client Project Ref: 5238

Lab Sample ID	24/00102/13	24/00102/15	24/00102/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP07	TP08	TP09							
Depth to Top	0.50	0.50	1.00							
Depth To Bottom										
Date Sampled	05-Jan-24	05-Jan-24	05-Jan-24							
Sample Type	SOIL	SOIL	SOIL							
Sample Matrix Code	4A	4A	4A							
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	2	<2	<2					mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	2	1	<1					mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	8	4	<1					mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	6	4	<1					mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	19	10	3					mg/kg	1	A-T-055s
Total Aliphatics _A	38	19	3					mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<5	<5	<5					mg/kg	1	A-T-055s
Aro >C10-C12 _A	6	8	<1					mg/kg	1	A-T-055s
Aro >C12-C16 _A	24	45	3					mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	86	117	4					mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	238	192	6					mg/kg	1	A-T-055s
Total Aromatics _A	354	361	13					mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	391	380	16					mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s

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 "#"	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 "A"	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.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client:	iD GeoEnvironmental Ltd (Congleton), Dane Mill Business Centre, Broadhurst Lane, Congleton, CW12 1LA	Project No:	24/00102
Project:	Radcliffe Hub, Radcliffe	Date Received:	08/01/2024 (am)
Clients Project No:	5238	Cool Box Temperatures (°C):	6.7 & 6.8

NO DEVIATIONS IDENTIFIED

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, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	24/00102/1	24/00102/3	24/00102/6	24/00102/7	24/00102/8	24/00102/10	24/00102/11	24/00102/13	24/00102/15	24/00102/17
Client Sample No										
Client Sample ID/Depth	TP01 0.60m	TP02 0.30m	TP03 1.50m	TP04 0.20m	TP04 1.00m	TP05 1.00m	TP06 0.50m	TP07 0.50m	TP08 0.50m	TP09 1.00m
Date Sampled	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24	05/01/24
A-T-004s	11/01/2024	11/01/2024	11/01/2024	11/01/2024				11/01/2024		
A-T-007s	10/01/2024	10/01/2024	10/01/2024	10/01/2024				10/01/2024		
A-T-019s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
A-T-022s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
A-T-024s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
A-T-025w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-026w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-026w (F)	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-030s	11/01/2024	11/01/2024	11/01/2024	10/01/2024				11/01/2024		
A-T-031s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
A-T-031w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-032s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	11/01/2024	10/01/2024	10/01/2024
A-T-032w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-037w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-044	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024
A-T-045	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024	09/01/2024
A-T-050w	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
A-T-054				11/01/2024						
A-T-055s	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
A-T-ANCs	11/01/2024	11/01/2024	11/01/2024	11/01/2024				11/01/2024		
Calc-As Recd	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
Calc-no stones	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		
Probe (w)	12/01/2024	12/01/2024	12/01/2024	12/01/2024				12/01/2024		

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

Hole ID	Depth (m)	Material	Table 1: Inorganics - Concentrations in mg/kg unless otherwise stated. Critical Concentrations (GAC) are shown below												
			pH	As	Cd	Cr (III)	Cu	Pb	Hg	Ni	Se	Zn	SO ₄ (g/l)	Asbestos	Calorific Value (MJ/kg)
				640	190	8600	68000	2330	1100	980	12000	730000			
S4UL Commerical Land															
TP01	0.60	Ashy clayey SAND MG	10.58	11	0.5	26	76	89	<0.17	37	<1	150	-	NAD	-
TP02	0.30	Brick Fill and Ash MG	7.79	1	<0.5	22	16	16	<0.17	17	<1	60	-	NAD	-
TP03	1.50	Ashy clayey SAND MG	7.44	11	<0.5	14	33	106	0.28	18	<1	74	-	NAD	-
TP04	0.20	Brick Fill and Ash MG	9.09	12	<0.5	16	40	148	<0.17	38	<1	44	-	Chrysotile - Loose Fibres - <0.001%	-
TP04	1.00	Cohesive MG	7.75	9	<0.5	20	35	108	0.75	17	<1	71	-	NAD	-
TP05	1.00	Cohesive MG	7.51	5	<0.5	20	22	63	0.33	16	<1	80	-	NAD	-
TP06	0.50	Ashy clayey SAND MG	7.16	14	0.7	17	50	124	0.20	28	<1	111	-	NAD	-
TP07	0.50	Ashy clayey SAND MG	7.55	15	0.7	22	71	110	0.32	35	<1	132	-	NAD	-
TP08	0.50	Ashy clayey SAND MG	7.89	14	0.7	20	76	87	<0.17	29	<1	117	-	NAD	-
TP09	1.00	Ashy clayey SAND MG	7.39	45	1.6	17	165	248	<0.17	45	2	353	-	NAD	-

Key		Source of Critical Concentration
BOLD	Determinand in excess of critical concentration	For source of Generic Assessment Criteria refer to Generic Notes 4 "Contamination Assessment"
-	Determinand not tested for	
<	Determinand concentration is below indicated "method" level of detection	
NAD	Abestos not detected	

Hole ID	Depth (m)	Material	Table 2: Speciated Polycyclic Aromatic Hydrocarbons - Concentrations in mg/kg unless otherwise stated. Critical Concentrations (GAC) are shown below																	
			TOC	SOM	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
S4UL Commercial Land (1% SOM)			%	%	84000	83000	520000	170	35	44	3900	1200	350	3.5	23000	63000	500	190	22000	54000
TP01	0.60	Ashy clayey SAND MG	3.52	6.1	0.57	0.01	0.83	2.18	2.82	3.01	1.45	1.09	2.08	0.28	6.49	0.20	1.44	0.10	3.16	5.49
TP02	0.30	Brick Fill and Ash MG	0.65	1.1	1.31	0.04	1.42	2.88	3.67	3.90	1.65	1.37	2.74	0.36	8.40	0.58	1.69	0.69	5.46	6.89
TP03	1.50	Ashy clayey SAND MG	4.42	7.6	<0.01	<0.01	<0.02	<0.04	<0.04	<0.05	<0.05	<0.07	<0.06	<0.04	<0.08	<0.01	<0.03	<0.03	<0.03	<0.07
TP04	0.20	Brick Fill and Ash MG	3.65	6.3	0.88	0.02	1.14	2.38	2.73	2.78	1.30	0.91	2.17	0.28	6.08	0.50	1.26	2.20	4.53	5.12
TP04	1.00	Cohesive MG	3.48	6.0	0.04	<0.01	0.12	0.19	0.21	0.24	0.12	<0.07	0.16	<0.04	0.37	0.02	0.12	<0.03	0.24	0.30
TP05	1.00	Cohesive MG	0.81	1.4	0.01	<0.01	0.05	0.10	0.10	0.12	<0.05	<0.07	0.07	<0.04	0.17	<0.01	0.05	<0.03	0.11	0.13
TP06	0.50	Ashy clayey SAND MG	6.10	10.5	<0.01	<0.01	0.04	0.18	0.18	0.17	0.06	<0.07	0.14	<0.04	0.29	<0.01	0.06	<0.03	0.04	0.30
TP07	0.50	Ashy clayey SAND MG	10.30	17.8	0.28	0.04	0.86	1.55	1.95	2.19	1.03	0.68	1.43	0.20	3.98	0.16	0.98	0.13	2.23	3.27
TP08	0.50	Ashy clayey SAND MG	6.66	11.5	0.27	0.01	0.45	1.06	1.22	1.35	0.60	0.42	0.97	0.12	2.96	0.11	0.57	0.11	1.70	2.44
TP09	1.00	Ashy clayey SAND MG	14.70	25.3	<0.01	<0.01	0.04	0.08	0.05	0.06	<0.05	<0.07	<0.06	<0.04	0.12	<0.01	<0.03	<0.03	0.06	<0.07
				0.00																

Key		Source of Critical Concentration
BOLD	Determinand in excess of critical concentration	For source of Generic Assessment Criteria refer to Generic Notes 4 "Contamination Assessment"
-	Determinand not tested for	
<	Determinand concentration is below indicated "method" level of detection	

Hole ID	Depth (m)	Material	Table 3: Speciated Total Petroleum Hydrocarbons - Concentrations in mg/kg unless otherwise stated. Critical Concentrations (GAC) are shown below																			
			TOC	SOM	BTEx				Aliphatic TPH Bandings						Aromatic TPH Bandings							
					Benzene	Toluene	Ethyl Benzene	Xylenes	C ₇ -C ₈	C ₉ -C ₉	C ₁₀ -C ₁₀	C ₁₁ -C ₁₂	C ₁₃ -C ₁₄	C ₁₅ -C ₁₆	C ₁₇ -C ₁₈	EC ₇ -EC ₇	EC ₉ -EC ₉	EC ₁₀ -EC ₁₀	EC ₁₁ -EC ₁₂	EC ₁₃ -EC ₁₄	EC ₁₅ -EC ₁₆	EC ₁₇ -EC ₁₈
S4UL Commercial (1% SOM)			%	%	27	56000	5700	5900	3200	7800	2000	9700	59000	1600000	1600000	26000	56000	3500	16000	36000	28000	28000
TP01	0.60	Ashy clayey SAND MG	3.52	6.1	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	1	3	25	<0.01	<0.01	<5	<1	7	29	106
TP02	0.30	Brick Fill and Ash MG	0.65	1.1	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	5	14	14	43	<0.01	<0.01	<5	52	130	302	677
TP03	1.50	Ashy clayey SAND MG	4.42	7.6	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	<1	<1	5	<0.01	<0.01	<5	<1	1	2	7
TP04	0.20	Brick Fill and Ash MG	3.65	6.3	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<10	<10	12	16	53	<0.01	<0.01	16	45	322	691	794
TP04	1.00	Cohesive MG	3.48	6.0	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	<1	<1	4	<0.01	<0.01	<5	<1	1	3	12
TP05	1.00	Cohesive MG	0.81	1.4	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	<1	<1	1	<0.01	<0.01	<5	<1	<1	<1	3
TP06	0.50	Ashy clayey SAND MG	6.10	10.5	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	<1	<1	1	<0.01	<0.01	<5	<1	<1	1	5
TP07	0.50	Ashy clayey SAND MG	10.30	17.8	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	2	2	8	6	19	<0.01	<0.01	<5	6	24	86	238
TP08	0.50	Ashy clayey SAND MG	6.66	11.5	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	1	4	4	10	<0.01	<0.01	<5	8	45	117	192
TP09	1.00	Ashy clayey SAND MG	14.70	25.3	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<2	<1	<1	<1	3	<0.01	<0.01	<5	<1	3	4	6

Key		Source of Critical Concentration
BOLD	Parameter tested and found to be in excess of critical concentration	For source of Generic Assessment Criteria refer to Generic Notes 4 "Contamination Assessment"
-	Determinand not tested for	
<	Determinand concentration is below indicated "method" level of detection	

Final Test Report

Envirolab Job Number: 24/00102
Issue Number: 1
Date: 12-Jan-24

Client: iD GeoEnvironmental Ltd (Congleton)
Dane Mill Business Centre
Broadhurst Lane
Congleton
CW12 1LA
UK, HD9 7BN

Project Manager: Liam Murphy
Project Name: Radcliffe Hub, Radcliffe
Project Ref: 5238
Order No: N/A

Date Samples Received: 5-Jan-24
Date Instructions Received: 8-Jan-24
Date Analysis Completed: 12-Jan-24

Notes - Soil analysis

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

For samples with Matrix Codes 1 - 6 natural stones >10mm are removed or excluded from the sample prior to analysis and reported results corrected to a whole sample basis.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis.

Notes - General

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

Subscript "A" indicates analysis performed on the sample as received. "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve, unless asbestos is found to be present in which case all analysis is performed on the sample as received.

All analysis is performed on the dried and crushed sample for samples with Matrix Code 7 and this supercedes any "A" subscripts.

All analysis is performed on the sample as received for soil samples from outside the European Union and this supercedes any "D" subscripts

For complex, multi-compound analysis, quality control results do not always fall within chart limits for every compound and we have criteria for reporting in these situations.

If results are in italic font they are associated with such quality control failures and may be unreliable.

A deviating samples 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

Predominant Matrix Codes: 1 = SAND, 2 = LOAM, 3 = CLAY, 4 = LOAM/SAND, 5 = SAND/CLAY, 6 = CLAY/LOAM, 7 = OTHER, 8 = Asbestos bulk ID sample

Secondary Matrix Codes: A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

IS indicates Insufficient sample for analysis, NDP indicates No Determination Possible and NAD indicates No Asbestos Detected.

Analytical results reflect the quality of the sample at the time of analysis only. Opinions and interpretations expressed are outside the scope of our accreditation.

Please contact us if you need any further information.

HWOL TPH Code: EH_CU_1D_AL: Extractable hydrocarbons - i.e. everything extracted by the solvent(s), Clean-up - e.g. by florisil, silica gel, GC - Single coil gas chromatography, Aliphatics only

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	24/00102/1	Landfill Waste Acceptance Criteria Limits			
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP01				
Depth to Top				0.6				
Depth to Bottom								
Date Sampled				05/01/2024				
Sample Type				Soil				
Sample Matrix Code				4A				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	10.58	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.67	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.2	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	5.4	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	3.52	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	31.6	100	-	-	
Mineral Oil (mg/kg) _{A EH, CU, 1D, AL}	A-T-007	N	N	27	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1	10:1	Limit values for compliance leaching test using		
				mg/l	mg/kg	BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.014	0.140	0.5	2	25
Barium	A-T-025	N	N	0.118	1.180	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	0.002	0.020	0.5	10	70
Copper	A-T-025	N	N	0.047	0.470	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.004	0.040	0.5	10	30
Nickel	A-T-025	N	N	0.003	0.030	0.4	10	40
Lead	A-T-025	N	N	0.086	0.860	0.5	10	50
Antimony	A-T-025	N	N	0.001	0.010	0.06	0.7	5
Selenium	A-T-025	N	N	0.001	0.010	0.1	0.5	7
Zinc	A-T-025	N	N	0.051	0.510	4	50	200
Chloride	A-T-026	N	N	5	46	800	15000	25000
Fluoride	A-T-026	N	N	0.6	6.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	13	135	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	56	560	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	9.3				
Conductivity (µS/cm)	A-T-037	N	N	113				
Mass Sample (kg)				0.23				
Dry Matter (%)	A-T-044	N	N	76.2				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details					Landfill Waste Acceptance Criteria Limits			
Lab Sample ID	Method	ISO17025	MCERTS	24/00102/3				
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP02				
Depth to Top				0.3				
Depth to Bottom								
Date Sampled				05/01/2024				
Sample Type				Soil				
Sample Matrix Code				3				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	7.79		-	>6	-
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.05		-	to be evaluated	to be evaluated
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.02		-	to be evaluated	to be evaluated
Loss on Ignition (%) _D	A-T-030	N	N	3		-	-	10
Total Organic Carbon (%) _D	A-T-032	N	N	0.65		3	5	6
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	43.5		100	-	-
Mineral Oil (mg/kg) _{A EH, CU, ID, AL}	A-T-007	N	N	83		500	-	-
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007		1	-	-
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01		6	-	-
Eluate Analysis				10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
				mg/l	mg/kg			
Arsenic	A-T-025	N	N	0.004	0.040	0.5	2	25
Barium	A-T-025	N	N	0.032	0.320	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	0.011	0.110	0.5	10	70
Copper	A-T-025	N	N	<0.004	<0.04	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.010	0.100	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	0.005	0.050	0.5	10	50
Antimony	A-T-025	N	N	0.002	0.020	0.06	0.7	5
Selenium	A-T-025	N	N	0.001	0.010	0.1	0.5	7
Zinc	A-T-025	N	N	0.009	0.090	4	50	200
Chloride	A-T-026	N	N	5	54	800	15000	25000
Fluoride	A-T-026	N	N	0.3	3.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	281	2813	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	314	3140	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	7.6				
Conductivity (µS/cm)	A-T-037	N	N	628				
Mass Sample (kg)				0.216				
Dry Matter (%)	A-T-044	N	N	80.9				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details					Landfill Waste Acceptance Criteria Limits			
Lab Sample ID	Method	ISO17025	MCERTS	24/00102/6				
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP03				
Depth to Top				1.5				
Depth to Bottom								
Date Sampled				05/01/2024				
Sample Type				Soil				
Sample Matrix Code				4AB				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	7.44	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.08	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.04	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	7.1	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	4.42	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08	100	-	-	
Mineral Oil (mg/kg) _{A EH, CU, ID, AL}	A-T-007	N	N	19	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
				mg/l	mg/kg			
Arsenic	A-T-025	N	N	0.002	0.020	0.5	2	25
Barium	A-T-025	N	N	0.022	0.220	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	<0.001	<0.01	0.5	10	70
Copper	A-T-025	N	N	0.007	0.070	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.003	0.030	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	0.023	0.230	0.5	10	50
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	0.5	7
Zinc	A-T-025	N	N	0.019	0.190	4	50	200
Chloride	A-T-026	N	N	8	78	800	15000	25000
Fluoride	A-T-026	N	N	0.6	6.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	63	633	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	131	1310	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	7.5				
Conductivity (µS/cm)	A-T-037	N	N	262				
Mass Sample (kg)				0.224				
Dry Matter (%)	A-T-044	N	N	78				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details					Landfill Waste Acceptance Criteria Limits			
Lab Sample ID	Method	ISO17025	MCERTS	24/00102/7				
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP04				
Depth to Top				0.2				
Depth to Bottom								
Date Sampled				05/01/2024				
Sample Type				Soil				
Sample Matrix Code				4AB				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	9.09	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.11	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.05	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N		-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	3.65	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	34.7	100	-	-	
Mineral Oil (mg/kg) _{A EH, CU, ID, AL}	A-T-007	N	N	61	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
				mg/l	mg/kg			
Arsenic	A-T-025	N	N	0.015	0.150	0.5	2	25
Barium	A-T-025	N	N	0.014	0.140	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	0.006	0.060	0.5	10	70
Copper	A-T-025	N	N	<0.004	<0.04	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.007	0.070	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	0.003	0.030	0.5	10	50
Antimony	A-T-025	N	N	0.001	0.010	0.06	0.7	5
Selenium	A-T-025	N	N	0.001	0.010	0.1	0.5	7
Zinc	A-T-025	N	N	0.003	0.030	4	50	200
Chloride	A-T-026	N	N	3	28	800	15000	25000
Fluoride	A-T-026	N	N	0.5	5.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	151	1507	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	204	2040	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	9.6				
Conductivity (µS/cm)	A-T-037	N	N	409				
Mass Sample (kg)				0.213				
Dry Matter (%)	A-T-044	N	N	82.3				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	24/00102/13	Landfill Waste Acceptance Criteria Limits			
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP07				
Depth to Top				0.5				
Depth to Bottom								
Date Sampled				05/01/2024				
Sample Type				Soil				
Sample Matrix Code				4A				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	7.55		-	>6	-
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.3		-	to be evaluated	to be evaluated
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.06		-	to be evaluated	to be evaluated
Loss on Ignition (%) _D	A-T-030	N	N	7.9		-	-	10
Total Organic Carbon (%) _D	A-T-032	N	N	8.69		3	5	6
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	21.3		100	-	-
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	119		500	-	-
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007		1	-	-
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01		6	-	-
Eluate Analysis				10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
				mg/l	mg/kg			
Arsenic	A-T-025	N	N	0.005	0.050	0.5	2	25
Barium	A-T-025	N	N	0.018	0.180	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	0.002	0.020	0.5	10	70
Copper	A-T-025	N	N	<0.004	<0.04	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.013	0.130	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	<0.001	<0.01	0.5	10	50
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5
Selenium	A-T-025	N	N	0.002	0.020	0.1	0.5	7
Zinc	A-T-025	N	N	0.009	0.090	4	50	200
Chloride	A-T-026	N	N	6	61	800	15000	25000
Fluoride	A-T-026	N	N	0.6	6.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	110	1103	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	202	2020	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	7.8				
Conductivity (µS/cm)	A-T-037	N	N	404				
Mass Sample (kg)				0.222				
Dry Matter (%)	A-T-044	N	N	78.8				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								