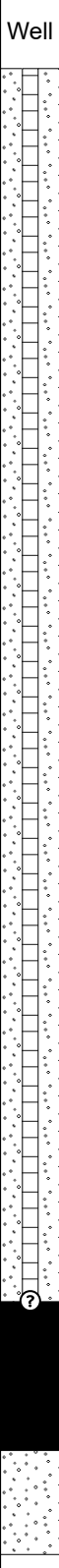


Rotary Core Log

Project Name: Plots NT02-NT04				Client: FEC				Date: 14/11/2023			
Location: Manchester				Contractor: Central Alliance				Co-ords: E384599.85 N399394.37			
Project No. : 4328				Crew Name: S.A, D.M.				Drilling Equipment: Comacchio 305			
Borehole Number RBH502		Hole Type RC		Level 33.59m AoD		Logged By RM		Scale 1:50		Page Number Sheet 2 of 3	

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
											Reddish brown medium to coarse SAND (CHESTER FORMATION)	11
		11.00 - 12.50		53	0	0		11.50	22.09		Reddish brown SANDSTONE (CHESTER FORMATION - RECOVERED AS SAND IN DRILLING FLUSH)	12
		12.50 - 14.00		0	0	0						13
		14.00 - 15.50		0	0	0						14
		15.50 - 17.00		0	0	0						15
												16
												17
		17.50 - 19.00		87	47	42		17.50	16.09		Reddish brown medium to coarse SAND with extremely weak sandstone and mudstone lithorelicts (CHESTER FORMATION)	18
								18.30	15.29		Extremely weak reddish brown MUDSTONE. Completely weathered to clay in places. Discontinuities are planar smooth discoloured grey (MANCHESTER MARLS)	19
		19.00 - 20.50		100	100	80						20

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 5.50 and 18.30mbgl and a 32mm diameter standpipe with a response between 19.30 and 20.30mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04				Client: FEC				Date: 14/11/2023			
Location: Manchester				Contractor: Central Alliance				Co-ords: E384599.85 N399394.37			
Project No. : 4328				Crew Name: S.A, D.M.				Drilling Equipment: Comacchio 305			
Borehole Number RBH502		Hole Type RC		Level 33.59m AoD		Logged By RM		Scale 1:50		Page Number Sheet 3 of 3	

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
②								20.30	13.29		Extremely weak reddish brown MUDSTONE. Completely weathered to clay in places. Discontinuities are planar smooth discoloured grey (MANCHESTER MARLS) End of Borehole at 20.300m	21
												22
												23
												24
												25
												26
												27
												28
												29
												30

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 5.50 and 18.30mbgl and a 32mm diameter standpipe with a response between 19.30 and 20.30mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04			Client: FEC			Date: 14/11/2023		
Location: Manchester			Contractor: Central Alliance			Co-ords: E384612.61 N399439.30		
Project No. : 4328			Crew Name: A.P, D.C.			Drilling Equipment: Comacchio 305		
Borehole Number RBH503		Hole Type RC		Level 31.65m AoD		Logged By RM		Page Number Sheet 1 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
W		0.20	ES					0.20	31.45		Asphalt (MADE GROUND)	1
		0.50						0.50	31.15		Brown slightly clayey sandy fine to coarse sub angular to angular GRAVEL of brick and concrete (MADE GROUND)	
		0.60						0.60	31.05		Asphalt (MADE GROUND)	
		0.80						0.80	30.85		Brown slightly clayey sandy fine to coarse sub angular to angular GRAVEL of brick, glass, rubber and concrete. Medium cobble content of bricks (MADE GROUND)	
		1.20	ES					1.40	30.25		Soft dark brown slightly sandy gravelly CLAY. Gravel is fine to coarse subangular to angular of brick and clinker (MADE GROUND)	2
		2.00						2.60	29.05		Soft black slightly gravelly organic CLAY. Gravel fine to coarse angular of ceramic (MADE GROUND)	
		3.00	ES					3.90	27.75		Soft light brown mottled orangish brown and reddish brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium rounded of quartzite and sandstone (DEVENSIAN TILL)	3
		4.00						4.20	27.45		Dense reddish brown fine to medium SAND (CHESTER FORMATION)	
		4.20 - 7.50									Reddish brown SANDSTONE (CHESTER FORMATION - OPENHOLE RETURNS)	4
		7.50 - 11.00										5
												6
												7
												8
												9
												10
								10.00	21.65			

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 5.00 and 10.00mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04				Client: FEC				Date: 14/11/2023			
Location: Manchester				Contractor: Central Alliance				Co-ords: E384612.61 N399439.30			
Project No. : 4328				Crew Name: A.P, D.C.				Drilling Equipment: Comacchio 305			
Borehole Number RBH503		Hole Type RC		Level 31.65m AoD		Logged By RM		Scale 1:50		Page Number Sheet 2 of 2	

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
							87mm	11.00	20.65		Reddish brown MUDSTONE (MANCHESTER MARLS - OPENHOLE RETURNS)	11
		11.00 - 12.50		100	65	59					Extremely weak reddish brown MUDSTONE (MANCHESTER MARLS FORMATION)	12
								12.50	19.15		End of Borehole at 12.500m	13
												14
												15
												16
												17
												18
												19
												20

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 5.00 and 10.00mbgl.



Rotary Core Log

Project Name: Plots NT02-NT04				Client: FEC				Date: 14/11/2023			
Location: Manchester				Contractor: Central Alliance				Co-ords: E3846644.07 N399415.75			
Project No. : 4328				Crew Name: S.A, D.M.				Drilling Equipment: Fraste PLC			
Borehole Number RBH504		Hole Type RC		Level 34.04m AoD		Logged By RM		Scale 1:50		Page Number Sheet 1 of 2	

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
		0.20						0.20	33.84		Asphalt (MADE GROUND)	
		0.50	ES								Dark brown slightly clayey sandy fine to coarse subangular to angular GRAVEL of brick, sandstone, clinker, limestone, slate and asphalt. Medium cobble content of brick (MADE GROUND)	1
		1.50	ES					1.40	32.64		Dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse subangular to angular of clinker, glass and brick. Hydrocarbon odour. (MADE GROUND)	
		2.00	ES					1.90	32.14		Black very sandy CLAY. Strong hydrocarbon odour oily sheen (MADE GROUND)	2
								2.40	31.64		Firm light brown CLAY. Slight hydrocarbon odour. (DEVENSIAN TILL)	
								2.90	31.14		Soft to firm light brown slightly gravelly sandy CLAY. Gravel is medium to coarse angular to sub rounded limestone and sandstone (DEVENSIAN TILL)	3
								3.40	30.64		...at 3.10 to 3.30mbgl black bands and oily sheen observed	
								3.50	30.54		Reddish brown fine to medium SAND (CHESTER FORMATION)	4
											Reddish brown SANDSTONE (CHESTER FORMATION)	
		3.40 - 10.00										5
												6
												7
												8
												9
								10.00	24.04			10

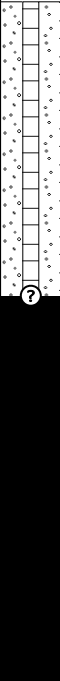
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 4.50 and 11.95mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04		Client: FEC		Date: 14/11/2023	
Location: Manchester		Contractor: Central Alliance		Co-ords: E3846644.07 N399415.75	
Project No. : 4328		Crew Name: S.A, D.M.		Drilling Equipment: Fraste PLC	
Borehole Number RBH504	Hole Type RC	Level 34.04m AoD	Logged By RM	Scale 1:50	Page Number Sheet 2 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD						
		10.00 - 11.50		47	0	0					Reddish brown slightly gravelly medium to coarse SAND. Gravel is well rounded of quartzite (CHESTER FORMATION)	11
		11.50 - 13.00		77	63	63		11.95	22.09		Reddish brown MUDSTONE (MANCHESTER MARLS FORMATION)	12
		13.00 - 14.50		20	0	0						13
								14.50	19.54		End of Borehole at 14.500m	14
												15
												16
												17
												18
												19
												20

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 4.50 and 11.95mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04				Client: FEC				Date: 14/11/2023			
Location: Manchester				Contractor: Central Alliance				Co-ords: E384588.94 N399458.10			
Project No. : 4328				Crew Name: S.A, D.M.				Drilling Equipment: Fraste PLC			
Borehole Number RBH505		Hole Type RC		Level 31.41m AoD		Logged By RM		Scale 1:50		Page Number Sheet 1 of 2	

Well	Water	Depth (m)	Type /FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.60	ES				0.10 0.40 0.55	31.31 31.01 30.86		Grey sandy fine to coarse subangular to angular limestone GRAVEL (MADE GROUND) Reddish brown gravelly SAND. Gravel is fine to coarse subangular to angular of brick, sandstone and asphalt (MADE GROUND) Asphalt (MADE GROUND) Brown very sandy fine to coarse rounded to angular GRAVEL of brick, sandstone quartzite limestone and concrete (MADE GROUND)	1
		2.10	ES				2.00	29.41		...at 1.20 to 1.50mbgl concrete obstruction Reddish brown fine to medium SAND (CHESTER FORMATION)	2
							3.65	27.76		Reddish brown SANDSTONE. (CHESTER FORMATION - OPENHOLE RETURNS)	4
		4.20 - 8.50									5
											6
											7
											8
		8.50 - 10.00		33	0	0					9
											10

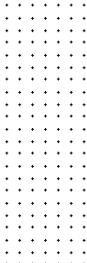
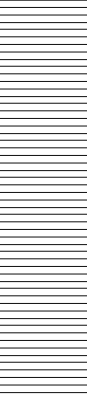
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 4.50 and 11.80mbgl.

Rotary Core Log

Project Name: Plots NT02-NT04			Client: FEC			Date: 14/11/2023		
Location: Manchester			Contractor: Central Alliance			Co-ords: E384588.94 N399458.10		
Project No. : 4328			Crew Name: S.A, D.M.			Drilling Equipment: Fraste PLC		
Borehole Number RBH505		Hole Type RC		Level 31.41m AoD		Logged By RM		Page Number Sheet 2 of 2

Well	Water	Depth (m)	Type /FI	Coring			Diameter Recovery (SPT)	Depth (m)	Level (m)	Legend	Stratum Description						
				TCR	SCR	RQD											
		10.00 - 11.50		100	0	0					Reddish brown SANDSTONE. (CHESTER FORMATION - OPENHOLE RETURNS)	11					
		11.50 - 13.00		88	45	45		11.80	19.61		Reddish brown MUDSTONE (MANCHESTER MARLS)	12					
		13.00 - 14.50		95	89	85						13					
								14.50	16.91			14					
											End of Borehole at 14.500m	15					
												16					
												17					
												18					
												19					
												20					
Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation				Drilling Flush					
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation	Depth Top	Depth Base	Type	Colour	Min (%)	Max (%)

Remarks

1. Location CAT scanned before breaking ground 2. Water strikes not recorded due to drilling with water flush 3. Upon completion borehole was installed was a 50mm diameter standpipe with a response zone between 4.50 and 11.80mbgl.



COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX C – CHEMICAL TESTING RESULTS

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 22/07379
Issue Number: 1

Date: 08 August, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Plots NT02-NT04
Project Ref: 4328
Order No: 1781
Date Samples Received: 26/07/22
Date Instructions Received: 28/07/22
Date Analysis Completed: 08/08/22

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
% Stones >10mm _A	<0.1	<0.1	5.2	20.6	3.5	36.8	22.2	% w/w	0.1	A-T-044
pH _D ^{M#}	7.16	9.56	6.78	8.09	8.08	8.15	8.02	pH	0.01	A-T-031s
Electrical conductivity @ 20degC _D	-	1590	-	-	-	-	-	µs/cm	10	A-T-037s
Sulphate BRE (water sol 2:1) _D ^{M#}	165	485	27	16	34	58	54	mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	11	<1	<1	2	<1	mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0032	0.1258	0.1221	0.0612	0.0556	0.0500	0.1272	N/A	0.0003	A-T-032 FOC
Antimony _D	<5	6	1050	14	35	29	19	mg/kg	5	A-T-024s
Arsenic _D ^{M#}	<1	28	126	10	16	19	35	mg/kg	1	A-T-024s
Barium _D	84	429	598	322	317	303	317	mg/kg	1	A-T-024s
Beryllium _D	0.7	1.4	1.9	0.7	1.3	0.8	1.2	mg/kg	0.5	A-T-024s
Boron (water soluble) _D	<1.0	2.1	<1.0	1.8	<1.0	<1.0	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	0.9	4.3	11.3	2.9	2.2	1.4	2.0	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	10	178	13800	669	264	313	226	mg/kg	1	A-T-024s
Chromium _D ^{M#}	22	34	76	46	28	16	19	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	22	34	76	46	28	16	19	mg/kg	1	Calc
Lead _D ^{M#}	9	313	18100	394	520	472	906	mg/kg	1	A-T-024s
Mercury _D	<0.17	0.39	5.68	1.47	0.66	1.08	3.12	mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	<1	6	12	7	2	3	4	mg/kg	1	A-T-024s
Nickel _D ^{M#}	18	51	100	59	41	20	30	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Vanadium _D ^{M#}	22	45	177	34	37	24	33	mg/kg	1	A-T-024s
Zinc _D ^{M#}	56	186	3980	934	758	241	230	mg/kg	5	A-T-024s
Redox Potential (water soluble) _D	-	133	-	-	-	-	-	mV		Probe
TAME _A	-	<0.1	-	-	-	-	-	mg/kg	0.1	A-T-022s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	*	-	-	-	-	-	-			A-T-001
pH (leachable) _A [#]	8.55	-	-	-	-	-	-	pH	0.01	A-T-031w
Sulphate (leachable) _A [#]	59.39	-	-	-	-	-	-	mg/l	1	A-T-026w
DOC (leachable) _A [#]	16.2	-	-	-	-	-	-	mg/l	2	A-T-032w
Antimony (leachable) _A	1	-	-	-	-	-	-	µg/l	1	A-T-025w
Arsenic (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Boron (leachable) _A	63	-	-	-	-	-	-	µg/l	10	A-T-025w

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
Barium (leachable) _A	17	-	-	-	-	-	-	µg/l	1	A-T-025w
Beryllium (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Cadmium (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Copper (leachable) _A	8	-	-	-	-	-	-	µg/l	4	A-T-025w
Chromium (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Chromium (hexavalent) (leachable) _A	<0.05	-	-	-	-	-	-	mg/l	0.05	A-T-040w
Chromium (trivalent)	<0.05	-	-	-	-	-	-	mg/l	0.05	Calc
Lead (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Mercury (leachable) _A	<0.1	-	-	-	-	-	-	µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Nickel (leachable) _A	<2	-	-	-	-	-	-	µg/l	2	A-T-025w
Selenium (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Vanadium (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-025w
Zinc (leachable) _A	5	-	-	-	-	-	-	µg/l	2	A-T-025w
1,2,4-Trimethylbenzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w
Isopropylbenzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w
n-propylbenzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w
Styrene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w
Carbon Disulphide (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w
Hexachlorobutadiene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-006w

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	Chrysotile	NAD	NAD	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

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Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
PAH-16MS										
Acenaphthene _A ^{M#}	0.06	0.03	0.13	0.20	0.06	0.73	0.51	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01	0.04	0.25	<0.01	0.30	0.24	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	0.09	0.22	0.65	0.11	1.78	1.61	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	0.31	0.89	1.07	0.25	3.35	4.46	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	0.44	1.07	2.11	0.26	2.63	3.12	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	0.44	1.36	1.76	0.27	2.68	3.34	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	0.26	0.65	2.17	0.15	1.19	1.37	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	0.16	0.49	0.59	0.09	0.95	1.19	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	0.37	1.33	1.24	0.28	3.48	4.64	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	0.06	0.13	0.36	<0.04	0.30	0.35	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	0.48	2.99	2.52	0.61	9.15	13.6	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.02	0.02	0.10	0.15	0.04	1.01	0.65	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	0.27	0.77	2.26	0.17	1.42	1.69	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.15	0.06	0.05	0.08	0.07	1.76	0.21	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.07	0.35	2.05	1.24	0.44	7.66	7.05	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	0.52	2.62	2.29	0.59	8.59	12.6	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	0.30	3.86	14.9	18.9	3.39	47	56.6	mg/kg	0.01	A-T-019s

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Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	1.53	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Acenaphthylene (leachable) _A	0.24	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Anthracene (leachable) _A	0.28	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	0.41	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Benzo(a)pyrene (leachable) _A	0.20	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Benzo(b)fluoranthene (leachable) _A	0.23	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Benzo(ghi)perylene (leachable) _A	0.08	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Benzo(k)fluoranthene (leachable) _A	0.08	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Chrysene (leachable) _A	0.39	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Dibenzo(ah)anthracene (leachable) _A	<0.02	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Fluoranthene (leachable) _A	2.17	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Fluorene (leachable) _A	0.59	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	0.10	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	0.55	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	0.15	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Pyrene (leachable) _A	2.11	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Total PAH 16MS (leachable) _A	9.11	-	-	-	-	-	-	µg/l	0.02	A-T-019w
Phenols (speciated HPLC)										
Phenol _A	<0.2	<0.2	-	-	-	-	-	mg/kg	0.2	A-T-050s
Cresols _A	<0.2	<0.2	-	-	-	-	-	mg/kg	0.2	A-T-050s
Xylenols _A	<0.2	<0.2	-	-	-	-	-	mg/kg	0.2	A-T-050s
Resorcinol _A	<0.2	<0.2	-	-	-	-	-	mg/kg	0.2	A-T-050s

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Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 101 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 118 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 138 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 153 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 180 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 77 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 81 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 105 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 114 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 123 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 126 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 156 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 157 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 167 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 169 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
PCB BZ 189 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w
Total Speciated PCB-EC7 & WHO12 (leachable) _A	<0.002	-	-	-	-	-	-	µg/l	0.002	A-T-004w

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Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Hexachlorobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Diethyl phthalate _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Dimethyl phthalate _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Dibenzofuran _A	136	<100	-	-	-	457	-	µg/kg	100	A-T-052s
Carbazole _A	<100	<100	-	-	-	615	-	µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<500	<500	-	-	-	<500	-	µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
4-Nitrophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
3+4-Methylphenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2-Nitrophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2-Methylphenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2-Chlorophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2-Chloronaphthalene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
2-Methylnaphthalene _A	<100	<100	-	-	-	463	-	µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Phenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Pentachlorophenol _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
n-Dioctylphthalate _A	<500	<500	-	-	-	<500	-	µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Nitrobenzene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Isophorone _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Hexachloroethane _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Hexachlorocyclopentadiene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<100	<100	-	-	-	<100	-	µg/kg	100	A-T-052s
Perylene _A	<100	204	-	-	-	1430	-	µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
SVOC+TICS (UKWIR)										
SVOC TICs (Tentatively Identified Compounds) _A	-	Appended	-	-	-	-	-			A-T-052s
Acenaphthylene _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Acenaphthene _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Anthracene _A	-	151	-	-	-	-	-	µg/kg	100	A-T-052s
Benzo(a)anthracene _A	-	630	-	-	-	-	-	µg/kg	100	A-T-052s
Benzo(b)fluoranthene _A	-	1050	-	-	-	-	-	µg/kg	100	A-T-052s
Benzo(k)fluoranthene _A	-	273	-	-	-	-	-	µg/kg	100	A-T-052s
Benzo(a)pyrene _A	-	968	-	-	-	-	-	µg/kg	100	A-T-052s
Benzo(ghi)perylene _A	-	548	-	-	-	-	-	µg/kg	100	A-T-052s
Chrysene _A	-	718	-	-	-	-	-	µg/kg	100	A-T-052s
Fluoranthene _A	-	978	-	-	-	-	-	µg/kg	100	A-T-052s
Fluorene _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Indeno(1,2,3-cd)pyrene _A	-	490	-	-	-	-	-	µg/kg	100	A-T-052s
Phenanthrene _A	-	692	-	-	-	-	-	µg/kg	100	A-T-052s
Pyrene _A	-	1070	-	-	-	-	-	µg/kg	100	A-T-052s
Naphthalene _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Dibenzo(ah)anthracene _A	-	133	-	-	-	-	-	µg/kg	100	A-T-052s
Cresol & Chlorinated Phenol Total _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Phenols Total (from SVOC) _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
SVOC Total (excl. PAH/Phenols/Cresols and Chlorophenols) _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
SVOC Total (excl. PAH/Phenols/Cresols/Chlorophenols/Ether s/Nitrobenzene) _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s
Ethers Total (from SVOC) _A	-	<100	-	-	-	-	-	µg/kg	100	A-T-052s

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Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
VOC										
Dichlorodifluoromethane _A	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Chloromethane _A	<10	<10	-	-	-	<10	-	µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Bromomethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Chloroethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Dichloromethane _A	<5	<5	-	-	-	<5	-	µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<5	<5	-	-	-	<5	-	µg/kg	5	A-T-006s
Chloroform _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2	<2	-	-	-	<2	-	µg/kg	2	A-T-006s
Benzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Trichloroethene _A [#]	<1	30	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Dibromomethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<10	<10	-	-	-	<10	-	µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Toluene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<3	<3	-	-	-	<3	-	µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
Chlorobenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Ethylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Styrene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Bromoform _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Isopropylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
Bromobenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<2	<2	-	-	-	<2	-	µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<2	<2	-	-	-	<2	-	µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<3	<3	-	-	-	<3	-	µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<1	<1	-	-	-	<1	-	µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<3	<3	-	-	-	<3	-	µg/kg	3	A-T-006s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
VOC+TICS (UKWIR)										
VOC Total (excl. BTEX) _A	-	30	-	-	-	-	-	µg/kg	10	A-T-006s
BTEX Total (from VOC) _A	-	<1	-	-	-	-	-	µg/kg	1	A-T-006s
VOC TICs _A	-	None detected	-	-	-	-	-			A-T-006s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
TPH CWG (UKWIR) with Clean Up										
Total Aliphatics _A	-	29	-	-	-	-	-	mg/kg	1	A-T-055s
EPH Total Ali & Aro (>C10-C16) _A [#]	-	8	-	-	-	-	-	mg/kg	1	A-T-055s
EPH Total Ali & Aro (>C8-C10) _A [#]	-	3	-	-	-	-	-	mg/kg	1	A-T-055s
EPH Total Ali & Aro (>C16-C35) _A [#]	-	71	-	-	-	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	-	54	-	-	-	-	-	mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C35) _A	-	83	-	-	-	-	-	mg/kg	1	A-T-055s
BTEX and MTBE Total _A	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-022s
VPH total (>C5-C8) _A [#]	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-022s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	<10	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	29	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	207	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	277	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	434	-	-	-	-	-	-	µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	159	-	-	-	-	-	-	µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	1106	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C5-C7 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	16	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	72	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	299	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	265	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	12	-	-	-	-	-	-	µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	766	-	-	-	-	-	-	µg/l	20	A-T-055w
TPH (Ali & Aro >C5-C44) (leachable) _A	1872	-	-	-	-	-	-	µg/l	20	A-T-055w
BTEX - Benzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
MTBE (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	102	-	-	-	-	-	-	µg/l	20	A-T-055w

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS202	WS203	WS209	WS208	WS211	WS210	WS210			
Depth to Top	1.50	0.50	0.40	0.40	0.30	0.50	1.30			
Depth To Bottom										
Date Sampled	21-Jul-22	21-Jul-22	21-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22	22-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	6	4AB	4AE	6ABE	5ABE	4ABE	4ABE			
TPH UKCWG with Clean Up										
Ali >C5-C6 _A [#]	<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	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	-	<10	-	<1	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	-	<10	-	<1	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	2	-	<10	-	2	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	<1	3	-	16	-	4	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	5	24	-	462	-	60	-	mg/kg	1	A-T-055s
Ali >C35-C44 _A	1	5	-	132	-	35	-	mg/kg	1	A-T-055s
Total Aliphatics _A	6	34	-	610	-	102	-	mg/kg	1	A-T-055s
Aro >C5-C7 _A [#]	<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	-	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	3	-	18	-	1	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	2	1	-	<10	-	10	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	6	4	-	62	-	42	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	4	8	-	298	-	150	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	5	38	-	956	-	399	-	mg/kg	1	A-T-055s
Aro >C35-C44 _A	<1	2	-	63	-	16	-	mg/kg	1	A-T-055s
Total Aromatics _A	16	56	-	1390	-	619	-	mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	22	90	-	2010	-	719	-	mg/kg	1	A-T-055s
BTEX - Benzene _A [#]	<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	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<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	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<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	-	mg/kg	0.01	A-T-022s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
% Stones >10mm _A	6.0							% w/w	0.1	A-T-044
pH _D ^{M#}	9.76							pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	120							mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1							mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2							mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0032							N/A	0.0003	A-T-032 FOC
Antimony _D	<5							mg/kg	5	A-T-024s
Arsenic _D ^{M#}	3							mg/kg	1	A-T-024s
Barium _D	58							mg/kg	1	A-T-024s
Beryllium _D	0.8							mg/kg	0.5	A-T-024s
Boron (water soluble) _D	<1.0							mg/kg	1	A-T-027s
Cadmium _D ^{M#}	0.7							mg/kg	0.5	A-T-024s
Copper _D ^{M#}	12							mg/kg	1	A-T-024s
Chromium _D ^{M#}	11							mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1							mg/kg	1	A-T-040s
Chromium (trivalent)	11							mg/kg	1	Calc
Lead _D ^{M#}	14							mg/kg	1	A-T-024s
Mercury _D	<0.17							mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	<1							mg/kg	1	A-T-024s
Nickel _D ^{M#}	12							mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1							mg/kg	1	A-T-024s
Vanadium _D ^{M#}	15							mg/kg	1	A-T-024s
Zinc _D ^{M#}	26							mg/kg	5	A-T-024s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	*									A-T-001
pH (leachable) _A [#]	11.14							pH	0.01	A-T-031w
Sulphate (leachable) _A [#]	80.98							mg/l	1	A-T-026w
DOC (leachable) _A [#]	50.3							mg/l	2	A-T-032w
Antimony (leachable) _A	1							µg/l	1	A-T-025w
Arsenic (leachable) _A	5							µg/l	1	A-T-025w
Boron (leachable) _A	69							µg/l	10	A-T-025w
Barium (leachable) _A	4							µg/l	1	A-T-025w
Beryllium (leachable) _A	<1							µg/l	1	A-T-025w
Cadmium (leachable) _A	<1							µg/l	1	A-T-025w

Envirolab Job Number: 22/07379/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
Copper (leachable) _A	34							µg/l	4	A-T-025w
Chromium (leachable) _A	3							µg/l	1	A-T-025w
Chromium (hexavalent) (leachable) _A	<0.05							mg/l	0.05	A-T-040w
Chromium (trivalent)	<0.05							mg/l	0.05	Calc
Lead (leachable) _A	<1							µg/l	1	A-T-025w
Mercury (leachable) _A	<0.1							µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	24							µg/l	1	A-T-025w
Nickel (leachable) _A	5							µg/l	2	A-T-025w
Selenium (leachable) _A	4							µg/l	1	A-T-025w
Vanadium (leachable) _A	14							µg/l	1	A-T-025w
Zinc (leachable) _A	2							µg/l	2	A-T-025w
1,2,4-Trimethylbenzene (leachable) _A	13							µg/l	1	A-T-006w
Isopropylbenzene (leachable) _A	<1							µg/l	1	A-T-006w
n-propylbenzene (leachable) _A	<1							µg/l	1	A-T-006w
Styrene (leachable) _A	3							µg/l	1	A-T-006w
Carbon Disulphide (leachable) _A	<1							µg/l	1	A-T-006w
Hexachlorobutadiene (leachable) _A	<1							µg/l	1	A-T-006w

Envirolab Job Number: 22/07379/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
PAH-16MS										
Acenaphthene _A ^{M#}	10.5							mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.07							mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	6.13							mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.73							mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.18							mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.24							mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05							mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.08							mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.72							mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04							mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	6.14							mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	9.41							mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.05							mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	3.12							mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	25.5							mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	4.46							mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	67.3							mg/kg	0.01	A-T-019s

Envirolab Job Number: 22/07379/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8									
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	401.40							µg/l	0.02	A-T-019w
Acenaphthylene (leachable) _A	7.33							µg/l	0.02	A-T-019w
Anthracene (leachable) _A	57.04							µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	4.10							µg/l	0.02	A-T-019w
Benzo(a)pyrene (leachable) _A	0.39							µg/l	0.02	A-T-019w
Benzo(b)fluoranthene (leachable) _A	0.54							µg/l	0.02	A-T-019w
Benzo(ghi)perylene (leachable) _A	0.05							µg/l	0.02	A-T-019w
Benzo(k)fluoranthene (leachable) _A	0.21							µg/l	0.02	A-T-019w
Chrysene (leachable) _A	3.28							µg/l	0.02	A-T-019w
Dibenzo(ah)anthracene (leachable) _A	<0.02							µg/l	0.02	A-T-019w
Fluoranthene (leachable) _A	46.17							µg/l	0.02	A-T-019w
Fluorene (leachable) _A	211.08							µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	0.07							µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	1623.52							µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	278.39							µg/l	0.02	A-T-019w
Pyrene (leachable) _A	32.89							µg/l	0.02	A-T-019w
Total PAH 16MS (leachable) _A	2670							µg/l	0.02	A-T-019w
Phenols (speciated HPLC)										
Phenol _A	<0.2							mg/kg	0.2	A-T-050s
Cresols _A	<0.2							mg/kg	0.2	A-T-050s
Xylenols _A	<0.2							mg/kg	0.2	A-T-050s
Resorcinol _A	<0.2							mg/kg	0.2	A-T-050s

Envirolab Job Number: 22/07379/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 101 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 118 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 138 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 153 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 180 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 77 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 81 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 105 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 114 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 123 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 126 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 156 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 157 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 167 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 169 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
PCB BZ 189 (leachable) _A	<0.002							µg/l	0.002	A-T-004w
Total Speciated PCB-EC7 & WHO12 (leachable) _A	<0.002							µg/l	0.002	A-T-004w

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8									
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	<100							µg/kg	100	A-T-052s
Hexachlorobenzene _A	<100							µg/kg	100	A-T-052s
Diethyl phthalate _A	<100							µg/kg	100	A-T-052s
Dimethyl phthalate _A	<100							µg/kg	100	A-T-052s
Dibenzofuran _A	10900							µg/kg	100	A-T-052s
Carbazole _A	1730							µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<100							µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<500							µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	<100							µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	<100							µg/kg	100	A-T-052s
4-Nitrophenol _A	429							µg/kg	100	A-T-052s
3+4-Methylphenol _A	142							µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	<100							µg/kg	100	A-T-052s
2-Nitrophenol _A	<100							µg/kg	100	A-T-052s
2-Methylphenol _A	<100							µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	<100							µg/kg	100	A-T-052s
2-Chlorophenol _A	<100							µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	<100							µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	1410							µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	190							µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	<100							µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	<100							µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	<100							µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	<100							µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	<100							µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	<100							µg/kg	100	A-T-052s
2-Chloronaphthalene _A	<100							µg/kg	100	A-T-052s
2-Methylnaphthalene _A	14100							µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<100							µg/kg	100	A-T-052s
Phenol _A	<100							µg/kg	100	A-T-052s
Pentachlorophenol _A	<100							µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	<100							µg/kg	100	A-T-052s

Envirolab Job Number: 22/07379/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
n-Dioctylphthalate _A	<500							µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<100							µg/kg	100	A-T-052s
Nitrobenzene _A	176							µg/kg	100	A-T-052s
Isophorone _A	<100							µg/kg	100	A-T-052s
Hexachloroethane _A	4830							µg/kg	100	A-T-052s
Hexachlorocyclopentadiene _A	<100							µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<100							µg/kg	100	A-T-052s
Perylene _A	<100							µg/kg	100	A-T-052s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8									
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
VOC										
Dichlorodifluoromethane _A	<1							µg/kg	1	A-T-006s
Chloromethane _A	<10							µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<1							µg/kg	1	A-T-006s
Bromomethane _A [#]	<1							µg/kg	1	A-T-006s
Chloroethane _A [#]	<1							µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<1							µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<1							µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	<1							µg/kg	1	A-T-006s
Dichloromethane _A	<5							µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<1							µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<1							µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1							µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<1							µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<5							µg/kg	5	A-T-006s
Chloroform _A [#]	<1							µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1							µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<1							µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<1							µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2							µg/kg	2	A-T-006s
Benzene _A [#]	<1							µg/kg	1	A-T-006s
Trichloroethene _A [#]	6							µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<1							µg/kg	1	A-T-006s
Dibromomethane _A [#]	<1							µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<10							µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<1							µg/kg	1	A-T-006s
Toluene _A [#]	<1							µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<1							µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<1							µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<1							µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1							µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<3							µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<1							µg/kg	1	A-T-006s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
Chlorobenzene _A [#]	<1							µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1							µg/kg	1	A-T-006s
Ethylbenzene _A [#]	2							µg/kg	1	A-T-006s
m & p Xylene _A [#]	3							µg/kg	1	A-T-006s
o-Xylene _A [#]	2							µg/kg	1	A-T-006s
Styrene _A [#]	<1							µg/kg	1	A-T-006s
Bromoform _A [#]	<1							µg/kg	1	A-T-006s
Isopropylbenzene _A [#]	<1							µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<1							µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<1							µg/kg	1	A-T-006s
Bromobenzene _A [#]	<1							µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<1							µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1							µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	8							µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<1							µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<2							µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	23							µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1							µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	2							µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<1							µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<1							µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<1							µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<1							µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<2							µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<3							µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<1							µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<3							µg/kg	3	A-T-006s

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8									
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	<1							µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	<1							µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	<50							µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	108							µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	62							µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	54							µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	1659							µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	175							µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	2058							µg/l	10	A-T-055w
Aro >C5-C7 (leachable) _A	<1							µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	2							µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	623							µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	9761							µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	10700							µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	3148							µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	<50							µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	24580							µg/l	20	A-T-055w
TPH (Ali & Aro >C5-C44) (leachable) _A	26640							µg/l	20	A-T-055w
BTEX - Benzene (leachable) _A	<1							µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	2							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	5							µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	10							µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	10							µg/l	1	A-T-022w
MTBE (leachable) _A	<1							µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	346							µg/l	20	A-T-055w

Envirolab Job Number: 22/07379

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07379/8									
Client Sample No										
Client Sample ID	RBH203									
Depth to Top	3.00									
Depth To Bottom										
Date Sampled	25-Jul-22									
Sample Type	Soil - ES									
Sample Matrix Code	4AB									
TPH UKCWG with Clean Up										
Ali >C5-C6 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Ali >C6-C8 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<5							mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	8							mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	19							mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	21							mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	273							mg/kg	1	A-T-055s
Ali >C35-C44 _A	24							mg/kg	1	A-T-055s
Total Aliphatics _A	346							mg/kg	1	A-T-055s
Aro >C5-C7 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01							mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	7							mg/kg	1	A-T-055s
Aro >C10-C12 _A	70							mg/kg	1	A-T-055s
Aro >C12-C16 _A	559							mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	354							mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	64							mg/kg	1	A-T-055s
Aro >C35-C44 _A	<5							mg/kg	1	A-T-055s
Total Aromatics _A	1060							mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	1410							mg/kg	1	A-T-055s
BTEX - Benzene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01							mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01							mg/kg	0.01	A-T-022s
MTBE _A [#]	<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 with the same delivery, will be disposed of six weeks after 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 the scope of our accreditation.

If results are in italic font they are associated with an AQC failure, these are not accredited and are 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.

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

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 analysis of water by method A-T-007:

Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

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

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

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.

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, 9 = INCINERATOR ASH.

Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.

Secondary Matrix Codes:

A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal,

E = contains roots/twigs.

Key:

IS indicates Insufficient Sample for analysis.

US indicates Unsuitable Sample for analysis.

NDP indicates No Determination Possible.

NAD indicates No Asbestos Detected.

N/A indicates Not Applicable.

Superscript # indicates method accredited to ISO 17025.

Superscript "M" indicates method accredited to MCERTS.

Subscript "A" indicates analysis performed on the sample as received.

Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Subscript ""^" indicates analysis has dependant options against results. Testing dependant on results appear in the comments area of your sample receipt.

EPH CWG results have humics mathematically subtracted through instrument calculation

TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these

humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

Envirolab Deviating Samples Report

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

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02-NT04

Clients Project No: 4328

Project No: 22/07379

Date Received: 28/07/2022 (am)

Cool Box Temperatures (°C): 13.5

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	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	22/07379/8
Client Sample No								
Client Sample ID/Depth	WS202 1.50m	WS203 0.50m	WS209 0.40m	WS208 0.40m	WS211 0.30m	WS210 0.50m	WS210 1.30m	RBH203 3.00m
Date Sampled	21/07/22	21/07/22	21/07/22	22/07/22	22/07/22	22/07/22	22/07/22	25/07/22
A-T-004s		03/08/2022			03/08/2022			
A-T-004w	03/08/2022							03/08/2022
A-T-006s	02/08/2022	02/08/2022				02/08/2022		02/08/2022
A-T-006w	03/08/2022							03/08/2022
A-T-007s		02/08/2022			02/08/2022			
A-T-019s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-019w	03/08/2022							03/08/2022
A-T-022s	04/08/2022	08/08/2022		08/08/2022	04/08/2022	04/08/2022		04/08/2022
A-T-022w	03/08/2022							03/08/2022
A-T-024s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-025w	06/08/2022	08/08/2022			08/08/2022			06/08/2022
A-T-026s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-026w	03/08/2022	08/08/2022			08/08/2022			03/08/2022
A-T-027s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-030s		29/07/2022			02/08/2022			
A-T-031s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-031w	02/08/2022	08/08/2022			08/08/2022			02/08/2022
A-T-032 FOC	04/08/2022	01/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022
A-T-032s		01/08/2022			04/08/2022			
A-T-032w	03/08/2022	08/08/2022			08/08/2022			03/08/2022
A-T-037s		02/08/2022						
A-T-037w		08/08/2022			08/08/2022			
A-T-040s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-040w	03/08/2022							03/08/2022
A-T-042sTCN	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022	04/08/2022
A-T-044	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-045	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	
A-T-050s	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
A-T-050w		08/08/2022			08/08/2022			
A-T-052s	04/08/2022	05/08/2022				04/08/2022		04/08/2022
A-T-055s	04/08/2022	04/08/2022		08/08/2022		04/08/2022		04/08/2022
A-T-055w	03/08/2022							03/08/2022

Lab Sample ID	22/07379/1	22/07379/2	22/07379/3	22/07379/4	22/07379/5	22/07379/6	22/07379/7	22/07379/8
Client Sample No								
Client Sample ID/Depth	WS202 1.50m	WS203 0.50m	WS209 0.40m	WS208 0.40m	WS211 0.30m	WS210 0.50m	WS210 1.30m	RBH203 3.00m
Date Sampled	21/07/22	21/07/22	21/07/22	22/07/22	22/07/22	22/07/22	22/07/22	25/07/22
A-T-ANCs		02/08/2022			02/08/2022			
Calc	05/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022	05/08/2022
Calc-no stones		08/08/2022			08/08/2022			
Probe		02/08/2022						
Probe (w)		08/08/2022			08/08/2022			

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

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 22/08782
Issue Number: 1

Date: 30 September, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Linden Richardson/Reece McGuinness
Project Name: Plots NT02-NT04
Project Ref: 4328
Order No: 1781
Date Samples Received: 06/09/22
Date Instructions Received: 07/09/22
Date Analysis Completed: 29/09/22

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
pH (w) _A [#]	7.80	7.71						pH	0.01	A-T-031w
Hardness Total _A [#]	504	447						mg/l Ca CO ₃	2	A-T-049w
Sulphate (w) _A [#]	85	78						mg/l	1	A-T-026w
DOC (w) _A [#]	7.5	<2.0						mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	1	5						µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2						µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	101	93						mg/l	1	A-T-049w
Copper (dissolved) _A	15	8						µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	<1						µg/l	1	A-T-025w
Iron (dissolved) _A [#]	38	190						µg/l	10	A-T-025w
Lead (dissolved) _A [#]	<1	<1						µg/l	1	A-T-025w
Manganese (dissolved) _A [#]	52	58						µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1						µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	<2	<2						µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	<1						µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	6	5						µg/l	2	A-T-025w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Cresols (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Resorcinol (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Phenols - Total by HPLC (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2								
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
SVOC (w)										
1,2,4-Trichlorobenzene _A	<1	<1						µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1						µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1						µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1						µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1						µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1						µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1						µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1						µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1						µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1						µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1						µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1						µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1						µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1						µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1						µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1						µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1						µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1						µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1						µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1						µg/l	1	A-T-052w
Acenaphthene _A	<1	<1						µg/l	1	A-T-052w
Acenaphthylene _A	<1	<1						µg/l	1	A-T-052w
Anthracene _A	<1	<1						µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1						µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1						µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10						µg/l	10	A-T-052w
Benzo(a)anthracene _A	<1	<1						µg/l	1	A-T-052w
Butylbenzyl phthalate _A	<1	<1						µg/l	1	A-T-052w
Benzo(b)fluoranthene _A	<1	<1						µg/l	1	A-T-052w
Benzo(k)fluoranthene _A	<1	<1						µg/l	1	A-T-052w
Benzo(a)pyrene _A	<1	<1						µg/l	1	A-T-052w
Benzo(ghi)perylene _A	<1	<1						µg/l	1	A-T-052w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
Carbazole _A	<1	<1						µg/l	1	A-T-052w
Chrysene _A	<1	<1						µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1						µg/l	1	A-T-052w
n-Dibutylphthalate _A	<1	<1						µg/l	1	A-T-052w
n-Dioctylphthalate _A	<10	<10						µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1						µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1						µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1						µg/l	1	A-T-052w
Dibenzo(ah)anthracene _A	<1	<1						µg/l	1	A-T-052w
Fluorene _A	<1	<1						µg/l	1	A-T-052w
Fluoranthene _A	<1	<1						µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1						µg/l	1	A-T-052w
Hexachlorobenzene SVOC _A	<1	<1						µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1						µg/l	1	A-T-052w
Phenol _A	<1	<1						µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1						µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1						µg/l	1	A-T-052w
Naphthalene _A	<1	<1						µg/l	1	A-T-052w
Isophorone _A	<1	<1						µg/l	1	A-T-052w
Hexachlorocyclopentadiene _A	<1	<1						µg/l	1	A-T-052w
Phenanthrene _A	<1	<1						µg/l	1	A-T-052w
Pyrene _A	<1	<1						µg/l	1	A-T-052w
Indeno(1,2,3-cd)pyrene _A	<1	<1						µg/l	1	A-T-052w
Perylene _A	<1	<1						µg/l	1	A-T-052w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2								
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
VOC (w)										
Dichlorodifluoromethane _A	<1	<1						µg/l	1	A-T-006w
Chloromethane _A	<10	<10						µg/l	10	A-T-006w
Vinyl Chloride _A	<1	<1						µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1						µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1						µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
Dichloromethane _A	<5	<5						µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5						µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1						µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2						µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
Benzene _A [#]	<1	<1						µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1						µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10						µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
Toluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3						µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1						µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1						µg/l	1	A-T-006w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
1,1,1,2-Tetrachloroethane _A	<1	<1						µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1						µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1						µg/l	1	A-T-006w
Styrene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1,1,2,2-Tetrachloroethane _A	<1	<1						µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1						µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2						µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2						µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3						µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3						µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1						µg/l	1	A-T-006w

Envirolab Job Number: 22/08782

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/08782/1	22/08782/2								
Client Sample No										
Client Sample ID	BH205	BH206								
Depth to Top	6.50	7.00								
Depth To Bottom										
Date Sampled	02-Sep-22	02-Sep-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5						µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5						µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10						µg/l	10	A-T-055w
Total Aromatics (w) _A	<10	<10						µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	<10						µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1						µg/l	1	A-T-022w

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 with the same delivery, will be disposed of six weeks after 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 the scope of our accreditation.

If results are in italic font they are associated with an AQC failure, these are not accredited and are 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.

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

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 analysis of water by method A-T-007:

Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

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

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

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.

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, 9 = INCINERATOR ASH.

Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.

Secondary Matrix Codes:

A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal,

E = contains roots/twigs.

Key:

IS indicates Insufficient Sample for analysis.

US indicates Unsuitable Sample for analysis.

NDP indicates No Determination Possible.

NAD indicates No Asbestos Detected.

N/A indicates Not Applicable.

Superscript # indicates method accredited to ISO 17025.

Superscript "M" indicates method accredited to MCERTS.

Subscript "A" indicates analysis performed on the sample as received.

Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Subscript "A" indicates analysis has dependant options against results. Testing dependant on results appear in the comments area of your sample receipt.

EPH CWG results have humics mathematically subtracted through instrument calculation

TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these

humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

Envirolab Deviating Samples Report

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

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02-NT04

Clients Project No: 4328

Project No: 22/08782

Date Received: 07/09/2022 (am)

Cool Box Temperatures (°C): 17.8

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	22/08782/1	22/08782/2
Client Sample No		
Client Sample ID/Depth	BH205 6.50m	BH206 7.00m
Date Sampled	02/09/22	02/09/22
A-T-006w	13/09/2022	12/09/2022
A-T-019w	13/09/2022	13/09/2022
A-T-022w	12/09/2022	12/09/2022
A-T-025w	29/09/2022	29/09/2022
A-T-026w	09/09/2022	09/09/2022
A-T-031w	12/09/2022	12/09/2022
A-T-032w	13/09/2022	22/09/2022
A-T-049w	21/09/2022	21/09/2022
A-T-050w	12/09/2022	12/09/2022
A-T-052w	16/09/2022	16/09/2022
A-T-055w	15/09/2022	15/09/2022
Calc-As Recd	15/09/2022	15/09/2022

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

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 22/09132
Issue Number: 1

Date: 30 September, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Plots NT02-NT04
Project Ref: 4328
Order No: 1781
Date Samples Received: 16/09/22
Date Instructions Received: 20/09/22
Date Analysis Completed: 30/09/22

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
pH (w) _A [#]	7.28	7.16	7.10	7.11				pH	0.01	A-T-031w
Sulphate (w) _A [#]	188	360	271	124				mg/l	1	A-T-026w
DOC (w) _A [#]	<2.0	3.3	<2.0	2.5				mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	1	2	7	<1				µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2	<0.2				µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	98	140	142	95				mg/l	1	A-T-049w
Copper (dissolved) _A	6	10	7	6				µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	10	6	6				µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1	2	<1	<1				µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1	<0.1				µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	<2	3	<2	<2				µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	3	<1	<1				µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	21	13	10	8				µg/l	2	A-T-025w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01	<0.01	0.09	<0.01				µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01				µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	0.03	<0.01	<0.01				µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	<0.01	0.03	0.09	<0.01				µg/l	0.01	A-T-019w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
SVOC (excluding PAH-16) (w)										
1,2,4-Trichlorobenzene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1	<1	<1				µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1	<1	<1				µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10	<10	<10				µg/l	10	A-T-052w
Butylbenzyl phthalate _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Carbazole _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1	<1	<1				µg/l	1	A-T-052w
n-Dibutylphthalate _A	<1	<1	<1	<1				µg/l	1	A-T-052w
n-Diethylphthalate _A	<10	<10	<10	<10				µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1	<1	<1				µg/l	1	A-T-052w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
Hexachlorobenzene SVOC _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Phenol _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Isophorone _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Hexachlorocyclopentadiene _A	<1	<1	<1	<1				µg/l	1	A-T-052w
Perylene _A	<1	<1	<1	<1				µg/l	1	A-T-052w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1	<1				µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10				µg/l	10	A-T-006w
Vinyl Chloride _A	<1	<1	<1	<1				µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5				µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5				µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2				µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Benzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10				µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3				µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1				µg/l	1	A-T-006w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1				µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Styrene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1				µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2				µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2				µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3				µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3				µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1				µg/l	1	A-T-006w

Envirolab Job Number: 22/09132

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09132/1	22/09132/2	22/09132/3	22/09132/4				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH207	RBH209	RBH208	RBH210						
Depth to Top	22.00	21.50	15.50	22.00						
Depth To Bottom										
Date Sampled	14-Sep-22	14-Sep-22	14-Sep-22	14-Sep-22						
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW						
Sample Matrix Code	N/A	N/A	N/A	N/A						
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5				µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5				µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5	<5				µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10	<10	<10				µg/l	10	A-T-055w
Total Aromatics (w) _A	<10	<10	<10	<10				µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	<10	<10	<10				µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1				µg/l	1	A-T-022w

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 with the same delivery, will be disposed of six weeks after 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 the scope of our accreditation.

If results are in italic font they are associated with an AQC failure, these are not accredited and are 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.

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

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 analysis of water by method A-T-007:

Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

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

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

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.

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, 9 = INCINERATOR ASH.

Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.

Secondary Matrix Codes:

A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal,

E = contains roots/twigs.

Key:

IS indicates Insufficient Sample for analysis.

US indicates Unsuitable Sample for analysis.

NDP indicates No Determination Possible.

NAD indicates No Asbestos Detected.

N/A indicates Not Applicable.

Superscript # indicates method accredited to ISO 17025.

Superscript "M" indicates method accredited to MCERTS.

Subscript "A" indicates analysis performed on the sample as received.

Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Subscript ""^" indicates analysis has dependant options against results. Testing dependant on results appear in the comments area of your sample receipt.

EPH CWG results have humics mathematically subtracted through instrument calculation

TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these

humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

Envirolab Deviating Samples Report

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

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02-NT04

Clients Project No: 4328

Project No: 22/09132

Date Received: 20/09/2022 (am)

Cool Box Temperatures (°C): 13.3

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	22/09132/1	22/09132/2	22/09132/3	22/09132/4
Client Sample No				
Client Sample ID/Depth	RBH207 22.00m	RBH209 21.50m	RBH208 15.50m	RBH210 22.00m
Date Sampled	14/09/22	14/09/22	14/09/22	14/09/22
A-T-006w	26/09/2022	26/09/2022	26/09/2022	26/09/2022
A-T-019w	23/09/2022	23/09/2022	23/09/2022	23/09/2022
A-T-022w	22/09/2022	22/09/2022	22/09/2022	22/09/2022
A-T-025w	30/09/2022	24/09/2022	24/09/2022	24/09/2022
A-T-026w	21/09/2022	21/09/2022	21/09/2022	21/09/2022
A-T-031w	22/09/2022	22/09/2022	22/09/2022	22/09/2022
A-T-032w	22/09/2022	28/09/2022	28/09/2022	28/09/2022
A-T-049w	26/09/2022	26/09/2022	26/09/2022	26/09/2022
A-T-052w	28/09/2022	28/09/2022	28/09/2022	28/09/2022
A-T-055w	23/09/2022	23/09/2022	23/09/2022	23/09/2022
Calc-As Recd	23/09/2022	23/09/2022	23/09/2022	23/09/2022

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

FINAL ANALYTICAL TEST REPORT

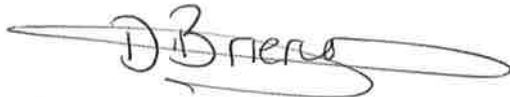
Envirolab Job Number: 22/09651
Issue Number: 1

Date: 12 October, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Plots NT02-NT04
Project Ref: 4328
Order No: 1781
Date Samples Received: 03/10/22
Date Instructions Received: 03/10/22
Date Analysis Completed: 12/10/22

Approved by:



Danielle Brierley
Deputy Client Services Supervisor

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
pH (w) _A [#]	7.26	7.22	7.09	7.09	7.10	7.27	7.31	pH	0.01	A-T-031w
Sulphate (w) _A [#]	298	299	412	416	93	99	162	mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	12	13	4	4	<1	<1	2	µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	136	119	203	181	129	109	102	mg/l	1	A-T-049w
Copper (dissolved) _A	4	<4	12	8	12	8	7	µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	4	5	17	16	11	19	6	µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	<2	<2	8	8	4	<2	<2	µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	<1	<1	<1	1	<1	<1	µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	14	16	11	10	12	7	6	µg/l	2	A-T-025w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.02	0.02	<0.01	0.02	0.01	<0.01	<0.01	µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	0.01	A-T-050w
Cresols (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	0.01	A-T-050w
Resorcinol (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	0.01	A-T-050w
Phenols - Total by HPLC (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	0.01	A-T-050w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
SVOC (w)										
1,2,4-Trichlorobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Acenaphthene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Acenaphthylene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Anthracene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-052w
Benzo(a)anthracene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Butylbenzyl phthalate _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Benzo(b)fluoranthene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Benzo(k)fluoranthene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Benzo(a)pyrene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Benzo(ghi)perylene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Carbazole _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Chrysene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
n-Dibutylphthalate _A	<5	<5	<5	<5	<5	<5	<5	µg/l	1	A-T-052w
n-Diethylphthalate _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Dibenzo(ah)anthracene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Fluorene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Fluoranthene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Hexachlorobenzene SVOC _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Phenol _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Naphthalene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Isophorone _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Hexachlorocyclopentadiene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Phenanthrene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Pyrene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Indeno(1,2,3-cd)pyrene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Perylene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Vinyl Chloride _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	2	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	2	<1	<1	<1	2	<1	<1	µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1	<1	54	<1	<1	µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Benzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	<1	95	<1	<1	µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	4	3	480	<1	<1	µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH201	RBH201 (2)	RBH202	RBH202 (2)	RBH203	RBH205	RBH207			
Depth to Top	22	22	23	23	13	22	22.5			
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22			
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-055w
Total Aromatics (w) _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
pH (w) _A [#]	7.06	7.11	7.07	7.21	7.23			pH	0.01	A-T-031w
Sulphate (w) _A [#]	252	414	123	201	197			mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	<2.0	<2.0	<2.0	<2.0	<2.0			mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	10	2	<1	21	21			µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	150	202	117	159	182			mg/l	1	A-T-049w
Copper (dissolved) _A	6	4	<4	<4	7			µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	12	<1	<1	<1	2			µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	<2	3	<2	<2	<2			µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	2	<1	<1	<1			µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	3	2	5	15	16			µg/l	2	A-T-025w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01	<0.01	0.38	0.34			µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01	<0.01	0.02	0.02			µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01	<0.01	<0.01	0.09	0.08			µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01	<0.01	<0.01	0.02	0.02			µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	<0.01	<0.01	<0.01	0.51	0.46			µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Cresols (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Resorcinol (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Phenols - Total by HPLC (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
SVOC (w)										
1,2,4-Trichlorobenzene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Acenaphthene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Acenaphthylene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Anthracene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10	<10	<10	<10			µg/l	10	A-T-052w
Benzo(a)anthracene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Butylbenzyl phthalate _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Benzo(b)fluoranthene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Benzo(k)fluoranthene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Benzo(a)pyrene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Benzo(ghi)perylene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Carbazole _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Chrysene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
n-Dibutylphthalate _A	<5	<5	<5	<5	<5			µg/l	1	A-T-052w
n-Diethylphthalate _A	<10	<10	<10	<10	<10			µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Dibenzo(ah)anthracene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Fluorene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Fluoranthene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachlorobenzene SVOC _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Phenol _A	<1	<1	<1	14	8			µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Naphthalene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Isophorone _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachlorocyclopentadiene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Phenanthrene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Pyrene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Indeno(1,2,3-cd)pyrene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Perylene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Vinyl Chloride _A	<1	<1	<1	16	15			µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1	<1	234	218			µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	<1	<1	256	267			µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Benzene _A [#]	<1	<1	<1	258	186			µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1	2	2			µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 22/09651

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH208	RBH209	RBH210	BH01	BH01 (2)					
Depth to Top	21.5	15.5	22	13	13					
Depth To Bottom										
Date Sampled	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22	27-Sep-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5	11			µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	11			µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1	<1	247	180			µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	7	6			µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5	9	7			µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10	<10	<10	<10			µg/l	10	A-T-055w
Total Aromatics (w) _A	<10	<10	<10	263	193			µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	<10	<10	263	204			µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1	<1	247	180			µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w

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 with the same delivery, will be disposed of six weeks after 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 the scope of our accreditation.

If results are in italic font they are associated with an AQC failure, these are not accredited and are 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.

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

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 analysis of water by method A-T-007:

Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

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

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

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.

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, 9 = INCINERATOR ASH.

Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.

Secondary Matrix Codes:

A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal,

E = contains roots/twigs.

Key:

IS indicates Insufficient Sample for analysis.

US indicates Unsuitable Sample for analysis.

NDP indicates No Determination Possible.

NAD indicates No Asbestos Detected.

N/A indicates Not Applicable.

Superscript # indicates method accredited to ISO 17025.

Superscript "M" indicates method accredited to MCERTS.

Subscript "A" indicates analysis performed on the sample as received.

Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Subscript ""^" indicates analysis has dependant options against results. Testing dependant on results appear in the comments area of your sample receipt.

EPH CWG results have humics mathematically subtracted through instrument calculation

TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these

humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

Envirolab Deviating Samples Report

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

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02-NT04

Clients Project No: 4328

Project No: 22/09651

Date Received: 03/10/2022 (am)

Cool Box Temperatures (°C): 10.4, 9.8, 9.9, 10.1, 9.2
10.4

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	22/09651/1	22/09651/2	22/09651/3	22/09651/4	22/09651/5	22/09651/7	22/09651/8	22/09651/9	22/09651/10	22/09651/11	22/09651/12	22/09651/13
Client Sample No												
Client Sample ID/Depth	RBH201 22m	RBH201 (2) 22m	RBH202 23m	RBH202 (2) 23m	RBH203 13m	RBH205 22m	RBH207 22.5m	RBH208 21.5m	RBH209 15.5m	RBH210 22m	BH01 13m	BH01 (2) 13m
Date Sampled	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22	27/09/22
A-T-006w	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022	06/10/2022
A-T-019w	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022
A-T-022w	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022
A-T-025w	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022
A-T-026w	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
A-T-031w	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
A-T-032w	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022
A-T-049w	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022
A-T-050w	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022	08/10/2022
A-T-052w	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022
A-T-055w	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022	07/10/2022
Calc-As Recd	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022

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

FINAL ANALYTICAL TEST REPORT

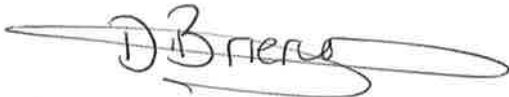
Envirolab Job Number: 22/09831
Issue Number: 1

Date: 17 October, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Plots NT02 - NT04
Project Ref: 4328
Order No: 1781
Date Samples Received: 06/10/22
Date Instructions Received: 07/10/22
Date Analysis Completed: 17/10/22

Approved by:



Danielle Brierley
Deputy Client Services Supervisor

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
pH (w) _A [#]	7.08	7.25						pH	0.01	A-T-031w
Sulphate (w) _A [#]	99	93						mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	<2.0	<2.0						mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	<1	<1						µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2						µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	118	122						mg/l	1	A-T-049w
Copper (dissolved) _A	<4	4						µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	8	8						µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1	<1						µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1						µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	4	7						µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	2	3						µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	7	37						µg/l	2	A-T-025w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01						µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.01	<0.01						µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Cresols (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Resorcinol (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w
Phenols - Total by HPLC (w) _A	<0.01	<0.01						mg/l	0.01	A-T-050w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2							
Client Sample No									
Client Sample ID	RBH203	BH03							
Depth to Top	10.00	10.00							
Depth To Bottom									
Date Sampled	04-Oct-22	04-Oct-22							
Sample Type	Water - EW	Water - EW							
Sample Matrix Code	N/A	N/A							
SVOC (excluding PAH-16) (w)									
1,2,4-Trichlorobenzene _A	<1	<1					µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1					µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1					µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1					µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1					µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1					µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1					µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1					µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1					µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1					µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1					µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1					µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1					µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1					µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1					µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1					µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1					µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1					µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1					µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10					µg/l	10	A-T-052w
Butylbenzyl phthalate _A	<1	<1					µg/l	1	A-T-052w
Carbazole _A	<1	<1					µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1					µg/l	1	A-T-052w
n-Dibutylphthalate _A	<1	<1					µg/l	1	A-T-052w
n-Dioctylphthalate _A	<10	<10					µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1					µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1					µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1					µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1					µg/l	1	A-T-052w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
Hexachlorobenzene SVOC _A	<1	<1						µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1						µg/l	1	A-T-052w
Phenol _A	<1	<1						µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1						µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1						µg/l	1	A-T-052w
Isophorone _A	<1	<1						µg/l	1	A-T-052w
Hexachlorocyclopentadiene _A	<1	<1						µg/l	1	A-T-052w
Perylene _A	<1	<1						µg/l	1	A-T-052w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2								
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
VOC (w)										
Dichlorodifluoromethane _A	<1	<1						µg/l	1	A-T-006w
Chloromethane _A	<10	<10						µg/l	10	A-T-006w
Vinyl Chloride _A	<1	<1						µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1						µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1						µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
Dichloromethane _A	<5	<5						µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	2	3						µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5						µg/l	5	A-T-006w
Chloroform _A [#]	77	33						µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2						µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1						µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
Benzene _A [#]	<1	<1						µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	104	58						µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10						µg/l	10	A-T-006w
Trichloroethene _A [#]	572	250						µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	1	<1						µg/l	1	A-T-006w
Toluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3						µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1						µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1						µg/l	1	A-T-006w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
1,1,1,2-Tetrachloroethane _A	<1	<1						µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1						µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1						µg/l	1	A-T-006w
Styrene _A [#]	<1	<1						µg/l	1	A-T-006w
1,1,1,2,2-Tetrachloroethane _A	<1	<1						µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1						µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1						µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1						µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2						µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1						µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1						µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2						µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3						µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3						µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1						µg/l	1	A-T-006w

Envirolab Job Number: 22/09831

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	22/09831/1	22/09831/2						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	BH03								
Depth to Top	10.00	10.00								
Depth To Bottom										
Date Sampled	04-Oct-22	04-Oct-22								
Sample Type	Water - EW	Water - EW								
Sample Matrix Code	N/A	N/A								
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5						µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1						µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5						µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5						µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	18	13						µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10						µg/l	10	A-T-055w
Total Aromatics (w) _A	18	13						µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	18	13						µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1						µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1						µg/l	1	A-T-022w

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 with the same delivery, will be disposed of six weeks after 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 the scope of our accreditation.

If results are in italic font they are associated with an AQC failure, these are not accredited and are 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.

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

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 analysis of water by method A-T-007:

Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

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

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

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.

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, 9 = INCINERATOR ASH.

Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.

Secondary Matrix Codes:

A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal,

E = contains roots/twigs.

Key:

IS indicates Insufficient Sample for analysis.

US indicates Unsuitable Sample for analysis.

NDP indicates No Determination Possible.

NAD indicates No Asbestos Detected.

N/A indicates Not Applicable.

Superscript # indicates method accredited to ISO 17025.

Superscript "M" indicates method accredited to MCERTS.

Subscript "A" indicates analysis performed on the sample as received.

Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Subscript ""^" indicates analysis has dependant options against results. Testing dependant on results appear in the comments area of your sample receipt.

EPH CWG results have humics mathematically subtracted through instrument calculation

TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these

humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

Envirolab Deviating Samples Report

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

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02 - NT04

Clients Project No: 4328

Project No: 22/09831

Date Received: 07/10/2022 (am)

Cool Box Temperatures (°C): 14.4

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	22/09831/1	22/09831/2
Client Sample No		
Client Sample ID/Depth	RBH203 10.00m	BH03 10.00m
Date Sampled	04/10/22	04/10/22
A-T-006w	12/10/2022	12/10/2022
A-T-019w	12/10/2022	12/10/2022
A-T-022w	13/10/2022	13/10/2022
A-T-025w	15/10/2022	15/10/2022
A-T-026w	14/10/2022	14/10/2022
A-T-031w	14/10/2022	14/10/2022
A-T-032w	17/10/2022	17/10/2022
A-T-049w	17/10/2022	17/10/2022
A-T-050w	14/10/2022	14/10/2022
A-T-052w	14/10/2022	14/10/2022
A-T-055w	12/10/2022	12/10/2022
Calc-As Recd	13/10/2022	13/10/2022

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

Reece McGuinness

ROC Consulting Ltd
Commercial Wharf
6 Commercial Street
Castlefield
Manchester
M15 4PZ

t: 0161 8339737

e: reece.mcguinness@roconsulting.com

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

Analytical Report Number : 22-79465

Project / Site name: Plots NT02-NT04

Samples received on: 19/08/2022

Your job number: 4328

**Samples instructed on/
Analysis started on:** 19/08/2022

Your order number: 1792

Analysis completed by: 01/09/2022

Report Issue Number: 1

Report issued on: 05/09/2022

Samples Analysed: 11 soil samples


Signed:

Adam Fenwick
Technical Reviewer
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 22-79465
 Project / Site name: Plots NT02-NT04
 Your Order No: 1792

Lab Sample Number				2397685	2397686	2397687	2397688	2397689
Sample Reference				RBH202	RBH201	RBH207	RBH203	RBH210
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				16.36-16.44	14.32-14.38	6.80-6.89	15.23-15.30	10.24-10.35
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	5.1	7.4	4	4.9	6
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3	0.3	0.5

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.0	8.7	9.3	8.5	9.0
Total Sulphate as SO ₄	mg/kg	50	MCERTS	65	160	440	81	660
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	14	19	13	57	48
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0069	0.0094	0.0067	0.029	0.024
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6.9	9.4	6.7	28.5	24.1
Total Sulphur	%	0.005	MCERTS	< 0.005	0.006	0.017	< 0.005	0.029

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-79465
Project / Site name: Plots NT02-NT04
Your Order No: 1792

Lab Sample Number				2397690	2397691	2397692	2397693	2397694
Sample Reference				RBH208	WS209	WS203	TP213	TP219
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				13.00-13.08	3.00	2.50	1.20	2.00
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	3.7	9.7	10	9.5	5.6
Total mass of sample received	kg	0.001	NONE	0.5	0.2	0.2	0.2	0.2

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.8	8.4	7.3	8.5	8.7
Total Sulphate as SO ₄	mg/kg	50	MCERTS	100	290	350	340	270
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	25	150	260	260	170
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.012	0.077	0.13	0.13	0.087
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	12.4	77.4	129	131	87.2
Total Sulphur	%	0.005	MCERTS	< 0.005	0.011	0.013	0.011	0.012

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-79465
 Project / Site name: Plots NT02-NT04
 Your Order No: 1792

Lab Sample Number				2397695
Sample Reference				TP215
Sample Number				None Supplied
Depth (m)				2.50
Date Sampled				Deviating
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	11
Total mass of sample received	kg	0.001	NONE	0.2

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.1
Total Sulphate as SO ₄	mg/kg	50	MCERTS	450
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	290
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.14
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	144
Total Sulphur	%	0.005	MCERTS	0.017

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 22-79465

Project / Site name: Plots NT02-NT04

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2397685	RBH202	None Supplied	16.36-16.44	Red clay.
2397686	RBH201	None Supplied	14.32-14.38	Red clay.
2397687	RBH207	None Supplied	6.80-6.89	Red clay with gravel.
2397688	RBH203	None Supplied	15.23-15.30	Red clay.
2397689	RBH210	None Supplied	10.24-10.35	Red clay with gravel.
2397690	RBH208	None Supplied	13.00-13.08	Brown sandy clay.
2397691	WS209	None Supplied	3	Brown clay and sand.
2397692	WS203	None Supplied	2.5	Brown clay and sand.
2397693	TP213	None Supplied	1.2	Brown clay and sand with gravel.
2397694	TP219	None Supplied	2	Brown sandy clay.
2397695	TP215	None Supplied	2.5	Brown clay and sand.

Analytical Report Number : 22-79465
Project / Site name: Plots NT02-NT04

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Total sulphate (as SO4 in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total Sulphur in soil as %	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Sample Deviation Report



Analytical Report Number : 22-79465

Project / Site name: Plots NT02-NT04

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
RBH201	None Supplied	S	2397686	a	None Supplied	None Supplied	None Supplied
RBH202	None Supplied	S	2397685	a	None Supplied	None Supplied	None Supplied
RBH203	None Supplied	S	2397688	a	None Supplied	None Supplied	None Supplied
RBH207	None Supplied	S	2397687	a	None Supplied	None Supplied	None Supplied
RBH208	None Supplied	S	2397690	a	None Supplied	None Supplied	None Supplied
RBH210	None Supplied	S	2397689	a	None Supplied	None Supplied	None Supplied
TP213	None Supplied	S	2397693	a	None Supplied	None Supplied	None Supplied
TP215	None Supplied	S	2397695	a	None Supplied	None Supplied	None Supplied
TP219	None Supplied	S	2397694	a	None Supplied	None Supplied	None Supplied
WS203	None Supplied	S	2397692	a	None Supplied	None Supplied	None Supplied
WS209	None Supplied	S	2397691	a	None Supplied	None Supplied	None Supplied

FINAL ANALYTICAL TEST REPORT

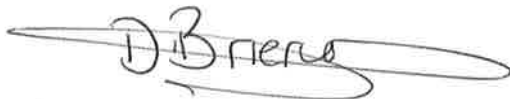
Envirolab Job Number: 22/07002
Issue Number: 1

Date: 01 August, 2022

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: M15 4PZ Plots - NT02-NT04
Project Ref: 4328
Order No: PO1781
Date Samples Received: 15/07/22
Date Instructions Received: 20/07/22
Date Analysis Completed: 29/07/22

Approved by:



Danielle Brierley
Deputy Client Services Supervisor

Envirolab Job Number: 22/07002

Client Project Name: M15 4PZ Plots - NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07002/1	22/07002/2	22/07002/3	22/07002/4	22/07002/5	22/07002/6	22/07002/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP201	TP203	TP203	TP207	TP202	WS204	WS204			
Depth to Top	0.50	0.30	1.20	0.20	0.50	0.40	1.40			
Depth To Bottom										
Date Sampled	12-Jul-22	12-Jul-22	12-Jul-22	13-Jul-22	13-Jul-22	13-Jul-22	13-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	4ABE	4ABE	4AB	4AB	4AB	5ABE			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	8.32	8.69	7.91	8.29	10.04	8.74	7.97	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	65	237	866	28	322	39	46	mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	4	<1	3	1	<1	<1	<1	mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0921	0.0266	0.0234	0.0623	0.0722	0.0518	0.0275	N/A	0.0003	A-T-032 FOC
Antimony _D	9	11	76	7	25	6	<5	mg/kg	5	A-T-024s
Arsenic _D ^{M#}	44	13	18	40	26	8	31	mg/kg	1	A-T-024s
Barium _D	169	271	376	213	179	282	120	mg/kg	1	A-T-024s
Beryllium _D	2.0	0.7	0.9	1.6	1.2	0.7	0.6	mg/kg	0.5	A-T-024s
Boron (water soluble) _D	1.7	<1.0	2.8	1.0	1.3	<1.0	2.4	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	3.3	2.0	5.2	3.6	2.4	2.1	1.4	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	144	84	148	162	206	1140	76	mg/kg	1	A-T-024s
Chromium _D ^{M#}	32	25	39	37	21	27	27	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	32	25	39	37	21	27	27	mg/kg	1	Calc
Lead _D ^{M#}	284	391	847	386	7660	261	101	mg/kg	1	A-T-024s
Mercury _D	0.41	0.97	1.65	0.63	2.89	1.90	<0.17	mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	5	2	5	10	4	2	4	mg/kg	1	A-T-024s
Nickel _D ^{M#}	37	21	37	45	32	26	21	mg/kg	1	A-T-024s
Selenium _D ^{M#}	1	<1	1	2	<1	<1	<1	mg/kg	1	A-T-024s
Vanadium _D ^{M#}	42	29	39	42	29	32	34	mg/kg	1	A-T-024s
Zinc _D ^{M#}	836	356	557	440	419	334	78	mg/kg	5	A-T-024s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	-	*	-	-	*	-	-			A-T-001
pH (leachable) _A [#]	-	7.04	-	-	8.79	-	-	pH	0.01	A-T-031w
Sulphate (leachable) _A [#]	-	283.89	-	-	386.87	-	-	mg/l	1	A-T-026w
DOC (leachable) _A [#]	-	34.5	-	-	21.9	-	-	mg/l	2	A-T-032w
Antimony (leachable) _A	-	88	-	-	16	-	-	µg/l	1	A-T-025w
Arsenic (leachable) _A	-	7	-	-	12	-	-	µg/l	1	A-T-025w
Boron (leachable) _A	-	474	-	-	137	-	-	µg/l	10	A-T-025w
Barium (leachable) _A	-	68	-	-	7	-	-	µg/l	1	A-T-025w
Beryllium (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-025w
Cadmium (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-025w