

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			
Copper (leachable) _A	-	8	-	-	85	-	-	µg/l	4	A-T-025w
Chromium (leachable) _A	-	<1	-	-	18	-	-	µg/l	1	A-T-025w
Chromium (hexavalent) (leachable) _A	-	<0.05	-	-	<0.05	-	-	mg/l	0.05	A-T-040w
Chromium (trivalent)	-	<0.05	-	-	<0.05	-	-	mg/l	0.05	Calc
Lead (leachable) _A	-	7	-	-	13	-	-	µg/l	1	A-T-025w
Mercury (leachable) _A	-	<0.1	-	-	<0.1	-	-	µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	-	75	-	-	73	-	-	µg/l	1	A-T-025w
Nickel (leachable) _A	-	4	-	-	<2	-	-	µg/l	2	A-T-025w
Selenium (leachable) _A	-	1	-	-	7	-	-	µg/l	1	A-T-025w
Vanadium (leachable) _A	-	6	-	-	5	-	-	µg/l	1	A-T-025w
Zinc (leachable) _A	-	7	-	-	<2	-	-	µg/l	2	A-T-025w
1,2,4-Trimethylbenzene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w
Isopropylbenzene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w
n-propylbenzene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w
Styrene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w
Carbon Disulphide (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w
Hexachlorobutadiene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-006w

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			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	Chrysotile	Chrysotile & Amosite	Amosite & Chrysotile	Chrysotile	NAD	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	Cement	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	Loose Insulation	-	Loose Fibres	Loose Fibres	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	Yes	N/A	N/A	N/A	N/A			A-T-045
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing) _D	-	0.003	2.563	0.007	0.007	-	-	% w/w	0.001	A-T-054

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			
PAH-16MS										
Acenaphthene _A ^{M#}	0.10	1.60	0.61	2.01	36	0.39	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.07	0.20	0.05	0.10	0.49	0.09	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.58	1.65	0.95	3.67	38	0.91	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	2.39	2.60	2.29	11	53.5	3.92	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	2.30	2.57	2.25	10.9	36.8	6.91	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	2.74	2.88	2.62	11.5	47.8	7.29	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.87	1.19	1.00	4.57	21.5	3.55	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	1.09	0.96	0.91	4.01	19	2.36	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	2.66	2.80	2.43	11.2	80.8	4.17	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.25	0.30	0.25	1.21	6.23	0.78	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	5.06	6.18	5.75	24.4	175	7.75	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.10	1.88	0.49	1.44	20	0.29	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	1.08	1.39	1.19	5.71	24.3	4.35	<0.03	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.04	3.06	0.24	0.26	10.6	0.08	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	3.21	7.99	3.81	15.2	204	2.47	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	4.74	5.86	5.19	23.8	155	7.98	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	27.3	43.1	30	131	929	53.3	<0.08	mg/kg	0.01	A-T-019s

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			
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	-	0.38	-	-	0.32	-	-	µg/l	0.02	A-T-019w
Acenaphthylene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Anthracene (leachable) _A	-	0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	-	0.04	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Benzo(a)pyrene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Benzo(b)fluoranthene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Benzo(ghi)perylene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Benzo(k)fluoranthene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Chrysene (leachable) _A	-	0.03	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Dibenzo(ah)anthracene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Fluoranthene (leachable) _A	-	0.15	-	-	0.03	-	-	µg/l	0.02	A-T-019w
Fluorene (leachable) _A	-	0.05	-	-	0.06	-	-	µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	-	<0.02	-	-	<0.02	-	-	µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	-	<0.02	-	-	3.43	-	-	µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	-	<0.02	-	-	0.08	-	-	µg/l	0.02	A-T-019w
Pyrene (leachable) _A	-	0.16	-	-	0.03	-	-	µg/l	0.02	A-T-019w
Total PAH 16MS (leachable) _A	-	0.83	-	-	3.95	-	-	µg/l	0.02	A-T-019w
Phenols (speciated HPLC)										
Phenol _A	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Cresols _A	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Xylenols _A	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s
Resorcinol _A	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	mg/kg	0.2	A-T-050s

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			
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	-	0.017	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	-	0.013	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 101 (leachable) _A	-	0.008	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 118 (leachable) _A	-	0.006	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 138 (leachable) _A	-	0.005	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 153 (leachable) _A	-	0.004	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 180 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 77 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 81 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 105 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 114 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 123 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 126 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 156 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 157 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 167 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 169 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
PCB BZ 189 (leachable) _A	-	<0.002	-	-	<0.002	-	-	µg/l	0.002	A-T-004w
Total Speciated PCB-EC7 & WHO12 (leachable) _A	-	0.053	-	-	<0.002	-	-	µg/l	0.002	A-T-004w

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			
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	-	1210	-	-	461	153	-	µg/kg	100	A-T-052s
Carbazole _A	-	400	-	-	481	259	-	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	<1000	-	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	-	158	-	-	<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	-	1510	-	-	412	<100	-	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

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			
n-Diethylphthalate _A	-	<500	-	-	<500	<500	-	µg/kg	500	A-T-052s
n-Dibutylphthalate _A	-	<200	-	-	<100	<500	-	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	-	743	-	-	1200	1190	-	µg/kg	100	A-T-052s

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			
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	-	-	12	<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: 22/07002

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			
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
1,1,1,2,2-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: 22/07002

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			
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	-	<2	-	-	<2	-	-	µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	-	<10	-	-	<10	-	-	µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	-	<10	-	-	<10	-	-	µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	-	<10	-	-	<10	-	-	µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	-	17	-	-	<10	-	-	µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	-	105	-	-	<20	-	-	µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	-	18	-	-	<10	-	-	µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	-	140	-	-	<20	-	-	µg/l	10	A-T-055w
Aro >C5-C7 (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	-	<10	-	-	<10	-	-	µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	-	19	-	-	14	-	-	µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	-	30	-	-	19	-	-	µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	-	32	-	-	12	-	-	µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	-	<10	-	-	<10	-	-	µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	-	81	-	-	45	-	-	µg/l	20	A-T-055w
TPH (Ali & Aro >C5-C44) (leachable) _A	-	221	-	-	45	-	-	µg/l	20	A-T-055w
BTEX - Benzene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
MTBE (leachable) _A	-	<1	-	-	<1	-	-	µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	-	<20	-	-	<20	-	-	µg/l	20	A-T-055w

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			
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	<5	<10	-	<5	-	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<5	<10	-	<5	-	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	14	<10	-	9	-	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	4	29	142	-	19	-	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	130	384	1610	-	43	-	-	mg/kg	1	A-T-055s
Ali >C35-C44 _A	26	90	87	-	34	-	-	mg/kg	1	A-T-055s
Total Aliphatics _A	162	517	1840	-	105	-	-	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	<5	<10	-	8	-	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	1	16	<10	-	22	-	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	10	90	51	-	146	-	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	85	204	899	-	413	-	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	226	352	867	-	623	-	-	mg/kg	1	A-T-055s
Aro >C35-C44 _A	16	24	<10	-	25	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	338	685	1820	-	1240	-	-	mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	501	1200	3660	-	1340	-	-	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: 22/07002

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

Client Project Ref: 4328

Lab Sample ID	22/07002/8	22/07002/9	22/07002/10					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS205	TP204	TP203							
Depth to Top	0.30	0.60	2.50							
Depth To Bottom										
Date Sampled	13-Jul-22	13-Jul-22	12-Jul-22							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4ABE	5A							
% Stones >10mm _A	<0.1	<0.1	<0.1					% w/w	0.1	A-T-044
pH _D ^{M#}	10.56	7.88	7.81					pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	149	1470	10					mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	<1					mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0553	0.0502	<0.0003					N/A	0.0003	A-T-032 FOC
Antimony _D	<5	8	<5					mg/kg	5	A-T-024s
Arsenic _D ^{M#}	103	119	1					mg/kg	1	A-T-024s
Barium _D	184	353	122					mg/kg	1	A-T-024s
Beryllium _D	1.1	2.0	0.6					mg/kg	0.5	A-T-024s
Boron (water soluble) _D	<1.0	1.1	<1.0					mg/kg	1	A-T-027s
Cadmium _D ^{M#}	2.5	2.6	0.8					mg/kg	0.5	A-T-024s
Copper _D ^{M#}	77	231	51					mg/kg	1	A-T-024s
Chromium _D ^{M#}	28	28	28					mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1					mg/kg	1	A-T-040s
Chromium (trivalent)	28	28	28					mg/kg	1	Calc
Lead _D ^{M#}	343	709	18					mg/kg	1	A-T-024s
Mercury _D	4.47	1.52	0.67					mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	4	8	<1					mg/kg	1	A-T-024s
Nickel _D ^{M#}	30	42	19					mg/kg	1	A-T-024s
Selenium _D ^{M#}	1	2	<1					mg/kg	1	A-T-024s
Vanadium _D ^{M#}	55	55	28					mg/kg	1	A-T-024s
Zinc _D ^{M#}	181	341	45					mg/kg	5	A-T-024s

Envirolab Job Number: 22/07002

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

Client Project Ref: 4328

Lab Sample ID	22/07002/8	22/07002/9	22/07002/10					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS205	TP204	TP203							
Depth to Top	0.30	0.60	2.50							
Depth To Bottom										
Date Sampled	13-Jul-22	13-Jul-22	12-Jul-22							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4ABE	5A							
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD							A-T-045
Asbestos Matrix (visual) _D	-	-	-							A-T-045
Asbestos Matrix (microscope) _D	-	-	-							A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A							A-T-045

Envirolab Job Number: 22/07002

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

Client Project Ref: 4328

Lab Sample ID	22/07002/8	22/07002/9	22/07002/10					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS205	TP204	TP203							
Depth to Top	0.30	0.60	2.50							
Depth To Bottom										
Date Sampled	13-Jul-22	13-Jul-22	12-Jul-22							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4ABE	5A							
PAH-16MS										
Acenaphthene _A ^{M#}	0.10	0.07	0.02					mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.03	0.02	<0.01					mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.26	0.19	0.02					mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.82	1.04	0.06					mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.94	0.89	<0.04					mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	1.03	1.18	<0.05					mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.73	0.59	<0.05					mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.35	0.44	<0.07					mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.91	1.28	<0.06					mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.15	0.14	<0.04					mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	1.80	2.33	0.12					mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.08	0.05	0.02					mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.66	0.63	<0.03					mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.04	0.05	<0.03					mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	1.13	1.10	0.13					mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	1.69	2.36	0.11					mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	10.7	12.4	0.48					mg/kg	0.01	A-T-019s

Envirolab Job Number: 22/07002

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

Client Project Ref: 4328

Lab Sample ID	22/07002/8	22/07002/9	22/07002/10					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS205	TP204	TP203							
Depth to Top	0.30	0.60	2.50							
Depth To Bottom										
Date Sampled	13-Jul-22	13-Jul-22	12-Jul-22							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4ABE	5A							
Phenols (speciated HPLC)										
Phenol _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s
Cresols _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s
Xylenols _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s
Resorcinol _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s

Envirolab Job Number: 22/07002

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

Client Project Ref: 4328

Lab Sample ID	22/07002/8	22/07002/9	22/07002/10					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS205	TP204	TP203							
Depth to Top	0.30	0.60	2.50							
Depth To Bottom										
Date Sampled	13-Jul-22	13-Jul-22	12-Jul-22							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4ABE	5A							
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	-	<1	-					mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	1	-					mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	4	-					mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	65	-					mg/kg	1	A-T-055s
Ali >C35-C44 _A	-	12	-					mg/kg	1	A-T-055s
Total Aliphatics _A	-	81	-					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	-	<1	-					mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	1	-					mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	7	-					mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	22	-					mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	39	-					mg/kg	1	A-T-055s
Aro >C35-C44 _A	-	6	-					mg/kg	1	A-T-055s
Total Aromatics _A	-	75	-					mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	-	157	-					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 "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: M15 4PZ Plots - NT02-NT04

Clients Project No: 4328

Project No: 22/07002

Date Received: 20/07/2022 (am)

Cool Box Temperatures (°C): 17.4

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	22/07002/1	22/07002/2	22/07002/3	22/07002/4	22/07002/5	22/07002/6	22/07002/7	22/07002/8	22/07002/9	22/07002/10
Client Sample No										
Client Sample ID/Depth	TP201 0.50m	TP203 0.30m	TP203 1.20m	TP207 0.20m	TP202 0.50m	WS204 0.40m	WS204 1.40m	WS205 0.30m	TP204 0.60m	TP203 2.50m
Date Sampled	12/07/22	12/07/22	12/07/22	13/07/22	13/07/22	13/07/22	13/07/22	13/07/22	13/07/22	12/07/22
A-T-004w		27/07/2022			27/07/2022					
A-T-006s		25/07/2022			25/07/2022	28/07/2022				
A-T-006w		25/07/2022			25/07/2022					
A-T-019s	28/07/2022	28/07/2022	28/07/2022	28/07/2022	29/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022
A-T-019w		27/07/2022			27/07/2022					
A-T-022s	25/07/2022	25/07/2022	25/07/2022		25/07/2022				25/07/2022	
A-T-022w		26/07/2022			26/07/2022					
A-T-024s	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	28/07/2022
A-T-025w		25/07/2022			25/07/2022					
A-T-026s	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	27/07/2022
A-T-026w		25/07/2022			25/07/2022					
A-T-027s	27/07/2022	27/07/2022	27/07/2022	27/07/2022	27/07/2022	27/07/2022	27/07/2022	27/07/2022	27/07/2022	28/07/2022
A-T-031s	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	27/07/2022
A-T-031w		25/07/2022			25/07/2022					
A-T-032 FOC	26/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	28/07/2022
A-T-032w		25/07/2022			25/07/2022					
A-T-040s	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	27/07/2022
A-T-040w		27/07/2022			27/07/2022					
A-T-042sTCN	25/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	25/07/2022	29/07/2022
A-T-044	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	27/07/2022
A-T-045	21/07/2022	21/07/2022	21/07/2022	21/07/2022	21/07/2022	21/07/2022	21/07/2022	21/07/2022	21/07/2022	25/07/2022
A-T-050s	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	22/07/2022	27/07/2022	28/07/2022
A-T-052s		29/07/2022			28/07/2022	29/07/2022				
A-T-054		27/07/2022	27/07/2022	27/07/2022	27/07/2022					
A-T-055s	26/07/2022	26/07/2022	26/07/2022		26/07/2022				26/07/2022	
A-T-055w		27/07/2022			27/07/2022					
Calc	26/07/2022	28/07/2022	26/07/2022	26/07/2022	28/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	28/07/2022

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 SUPPLEMENT TO TEST REPORT 22/07217/1

Amendments: Request for Additional Analysis

Envirolab Job Number: 22/07217
Issue Number: 2

Date: 19 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: 21/07/22
Date Instructions Received: 25/07/22
Date Analysis Completed: 19/08/22

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
% 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#}	9.13	9.07	8.28	8.22	7.35	8.91	8.49	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	21	<10	24	368	48	107	37	mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	6	39	19	329	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 [#]	0.0235	0.0398	0.1613	0.1981	0.3143	0.0674	0.0852	N/A	0.0003	A-T-032 FOC
Antimony _D	52	12	469	494	963	133	17	mg/kg	5	A-T-024s
Arsenic _D ^{M#}	10	13	77	69	84	23	17	mg/kg	1	A-T-024s
Barium _D	379	188	1410	473	797	538	228	mg/kg	1	A-T-024s
Beryllium _D	0.6	1.0	1.7	1.7	2.4	1.2	1.3	mg/kg	0.5	A-T-024s
Boron (water soluble) _D	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	1.3	1.7	5.3	4.6	4.6	2.7	1.8	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	151	171	7580	6820	11800	1770	178	mg/kg	1	A-T-024s
Chromium _D ^{M#}	116	32	40	37	32	43	22	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	116	32	40	37	32	43	22	mg/kg	1	Calc
Lead _D ^{M#}	367	373	12000	8900	19000	3920	382	mg/kg	1	A-T-024s
Mercury _D	0.75	0.38	5.98	2.51	26.6	6.44	0.55	mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	7	2	9	9	10	4	4	mg/kg	1	A-T-024s
Nickel _D ^{M#}	33	37	60	54	55	34	35	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#}	33	45	86	73	64	39	40	mg/kg	1	A-T-024s
Zinc _D ^{M#}	239	143	1400	1320	1230	597	152	mg/kg	5	A-T-024s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	-	*	-	-	-	*	-			A-T-001
pH (leachable) _A [#]	-	8.29	-	-	-	8.12	-	pH	0.01	A-T-031w
Sulphate (leachable) _A [#]	-	<1.00	-	-	-	133.19	-	mg/l	1	A-T-026w
DOC (leachable) _A [#]	-	22.0	-	-	-	15.8	-	mg/l	2	A-T-032w
Antimony (leachable) _A	-	7	-	-	-	36	-	µg/l	1	A-T-025w
Arsenic (leachable) _A	-	3	-	-	-	3	-	µg/l	1	A-T-025w
Boron (leachable) _A	-	11	-	-	-	137	-	µg/l	10	A-T-025w
Barium (leachable) _A	-	147	-	-	-	37	-	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

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
Copper (leachable) _A	-	66	-	-	-	17	-	µg/l	4	A-T-025w
Chromium (leachable) _A	-	2	-	-	-	26	-	µg/l	1	A-T-025w
Chromium (hexavalent) (leachable) _A	-	<0.05	-	-	-	<0.05	-	mg/l	0.05	A-T-040w
Chromium (trivalent)	-	<0.05	-	-	-	<0.05	-	mg/l	0.05	Calc
Lead (leachable) _A	-	141	-	-	-	12	-	µg/l	1	A-T-025w
Mercury (leachable) _A	-	<0.1	-	-	-	<0.1	-	µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	-	8	-	-	-	16	-	µg/l	1	A-T-025w
Nickel (leachable) _A	-	4	-	-	-	<2	-	µg/l	2	A-T-025w
Selenium (leachable) _A	-	1	-	-	-	1	-	µg/l	1	A-T-025w
Vanadium (leachable) _A	-	8	-	-	-	2	-	µg/l	1	A-T-025w
Zinc (leachable) _A	-	84	-	-	-	10	-	µg/l	2	A-T-025w
Carbon Disulphide (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w
Hexachlorobutadiene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w
1,2,4-Trimethylbenzene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w
Isopropylbenzene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w
n-propylbenzene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w
Styrene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-006w

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	NAD	NAD	NAD	NAD	NAD	NAD	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A	N/A			A-T-045

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
PAH-16MS										
Acenaphthene _A ^{M#}	0.07	0.30	0.12	0.14	0.08	0.13	0.20	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.02	<0.01	0.04	0.07	0.02	0.02	0.05	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.16	0.35	0.30	0.41	0.18	0.25	0.46	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.71	0.70	1.06	1.50	0.72	0.86	1.51	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.78	0.63	0.95	1.56	0.69	0.91	1.65	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.89	0.72	1.05	1.61	0.79	0.97	1.63	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.58	0.41	0.66	1.04	0.50	0.60	1.00	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.31	0.25	0.35	0.59	0.28	0.32	0.58	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.83	0.81	1.22	1.71	0.90	1.00	1.71	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.12	0.09	0.13	0.22	0.11	0.12	0.22	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	1.44	1.83	2.77	3.04	1.48	1.95	2.94	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.04	0.16	0.10	0.12	0.06	0.09	0.20	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.60	0.46	0.70	1.15	0.53	0.62	1.05	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.04	0.08	0.12	0.11	0.14	0.04	0.12	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.65	1.74	1.62	1.85	0.84	1.02	1.89	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	1.43	1.67	2.67	3.01	1.62	1.90	3.29	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	8.67	10.2	13.9	18.1	8.94	10.8	18.5	mg/kg	0.01	A-T-019s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Acenaphthylene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Anthracene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Benzo(a)pyrene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Benzo(b)fluoranthene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Benzo(ghi)perylene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Benzo(k)fluoranthene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Chrysene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Dibenzo(ah)anthracene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Fluoranthene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Fluorene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Pyrene (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w
Total PAH 16MS (leachable) _A	-	<0.02	-	-	-	<0.02	-	µg/l	0.02	A-T-019w

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 101 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 118 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 138 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 153 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 180 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 77 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 81 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 105 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 114 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 123 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 126 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 156 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 157 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 167 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 169 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
PCB BZ 189 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w
Total Speciated PCB-EC7 & WHO12 (leachable) _A	-	<0.002	-	-	-	<0.002	-	µg/l	0.002	A-T-004w

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	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	-	143	-	-	322	1970	-	µg/kg	100	A-T-052s
Carbazole _A	-	193	-	-	308	1440	-	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	<1000	-	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	-	-	495	1260	-	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

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
n-Dioctylphthalate _A	-	<500	-	-	<500	<500	-	µg/kg	500	A-T-052s
n-Dibutylphthalate _A	-	<600	-	-	<600	<600	-	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	-	400	-	-	542	2240	-	µg/kg	100	A-T-052s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	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	-	-	<1	<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: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	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: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	-	<20	-	-	-	<20	-	µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	-	<20	-	-	-	<20	-	µg/l	10	A-T-055w
Aro >C5-C7 (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	-	30	-	-	-	13	-	µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	-	10	-	-	-	12	-	µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	-	<10	-	-	-	<10	-	µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	-	40	-	-	-	25	-	µg/l	20	A-T-055w
TPH (Ali & Aro >C5-C44) (leachable) _A	-	40	-	-	-	25	-	µg/l	20	A-T-055w
BTEX - Benzene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
MTBE (leachable) _A	-	<1	-	-	-	<1	-	µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	-	<20	-	-	-	<20	-	µg/l	20	A-T-055w

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP216	TP216	TP216	TP217	TP215	TP214	TP220			
Depth to Top	0.20	0.60	1.20	0.50	1.00	0.80	0.70			
Depth To Bottom										
Date Sampled	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	18-Jul-22	19-Jul-22			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4AB	5A	4ABE	4ABDE	4AE	4ABE	4ABE			
TPH UKCWG with Clean Up										
Ali >C5-C6 _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	-	<1	-	-	2	<1	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	<1	-	-	2	<1	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	2	-	-	5	2	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	2	-	-	5	9	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	38	-	-	117	178	-	mg/kg	1	A-T-055s
Ali >C35-C44 _A	-	13	-	-	34	130	-	mg/kg	1	A-T-055s
Total Aliphatics _A	-	55	-	-	166	319	-	mg/kg	1	A-T-055s
Aro >C5-C7 _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	-	1	-	-	2	<1	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	2	-	-	4	2	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	10	-	-	9	7	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	40	-	-	24	26	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	90	-	-	82	110	-	mg/kg	1	A-T-055s
Aro >C35-C44 _A	-	7	-	-	12	116	-	mg/kg	1	A-T-055s
Total Aromatics _A	-	151	-	-	133	261	-	mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	-	206	-	-	298	580	-	mg/kg	1	A-T-055s
BTEX - Benzene _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s
MTBE _A [#]	-	<0.01	-	-	<0.01	<0.01	-	mg/kg	0.01	A-T-022s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	4AB								
% Stones >10mm _A	<0.1	<0.1						% w/w	0.1	A-T-044
pH _D ^{M#}	8.11	8.09						pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	504	344						mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	9						mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2						mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0728	0.0877						N/A	0.0003	A-T-032 FOC
Antimony _D	28	77						mg/kg	5	A-T-024s
Arsenic _D ^{M#}	58	26						mg/kg	1	A-T-024s
Barium _D	263	494						mg/kg	1	A-T-024s
Beryllium _D	1.7	1.0						mg/kg	0.5	A-T-024s
Boron (water soluble) _D	1.3	<1.0						mg/kg	1	A-T-027s
Cadmium _D ^{M#}	3.1	3.1						mg/kg	0.5	A-T-024s
Copper _D ^{M#}	579	1160						mg/kg	1	A-T-024s
Chromium _D ^{M#}	34	24						mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1						mg/kg	1	A-T-040s
Chromium (trivalent)	34	24						mg/kg	1	Calc
Lead _D ^{M#}	1560	1840						mg/kg	1	A-T-024s
Mercury _D	3.19	2.46						mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	5	3						mg/kg	1	A-T-024s
Nickel _D ^{M#}	47	30						mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1						mg/kg	1	A-T-024s
Vanadium _D ^{M#}	70	39						mg/kg	1	A-T-024s
Zinc _D ^{M#}	239	2000						mg/kg	5	A-T-024s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	4AB								
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	NAD	Chrysotile								A-T-045
Asbestos Matrix (visual) ₀	-	-								A-T-045
Asbestos Matrix (microscope) ₀	-	Loose fibres								A-T-045
Asbestos ACM - Suitable for Water Absorption Test? ₀	N/A	N/A								A-T-045
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing) ₀	-	0.007						% w/w	0.001	A-T-054

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	4AB								
PAH-16MS										
Acenaphthene _A ^{M#}	0.16	0.13						mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.10	0.08						mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.44	0.42						mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	1.29	1.77						mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	1.29	1.85						mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	1.28	1.95						mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.72	1.12						mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.47	0.67						mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	1.45	1.87						mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.17	0.24						mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	2.90	3.71						mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.17	0.14						mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.77	1.22						mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.11	0.12						mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	2.25	1.76						mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	2.90	3.93						mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	16.5	21						mg/kg	0.01	A-T-019s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	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	150	-						µg/kg	100	A-T-052s
Carbazole _A	164	-						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	<100	-						µg/kg	100	A-T-052s
3+4-Methylphenol _A	<100	-						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	<100	-						µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	<100	-						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	162	-						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: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	4AB								
n-Dioctylphthalate _A	<500	-						µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<600	-						µg/kg	100	A-T-052s
Nitrobenzene _A	<100	-						µg/kg	100	A-T-052s
Isophorone _A	<100	-						µg/kg	100	A-T-052s
Hexachloroethane _A	<100	-						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	528	-						µg/kg	100	A-T-052s

Envirolab Job Number: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9								
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	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 [#]	<1	-						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: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9						Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	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 [#]	<1	-						µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	-						µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	-						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 [#]	<1	-						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 [#]	<1	-						µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	-						µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	-						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: 22/07217

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	22/07217/8	22/07217/9								
Client Sample No										
Client Sample ID	TP218	TP219								
Depth to Top	0.50	0.50								
Depth To Bottom										
Date Sampled	19-Jul-22	19-Jul-22								
Sample Type	Soil - ES	Soil - ES								
Sample Matrix Code	4AB	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	1	-						mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	-						mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	-						mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	4	-						mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	28	-						mg/kg	1	A-T-055s
Ali >C35-C44 _A	13	-						mg/kg	1	A-T-055s
Total Aliphatics _A	49	-						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	1	-						mg/kg	1	A-T-055s
Aro >C10-C12 _A	4	-						mg/kg	1	A-T-055s
Aro >C12-C16 _A	16	-						mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	60	-						mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	183	-						mg/kg	1	A-T-055s
Aro >C35-C44 _A	11	-						mg/kg	1	A-T-055s
Total Aromatics _A	275	-						mg/kg	1	A-T-055s
TPH (Ali & Aro >C5-C44) _A	324	-						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 "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: 22/07217

Date Received: 25/07/2022 (am)

Cool Box Temperatures (°C): 16.5

NO DEVIATIONS IDENTIFIED with respect to sampling dates or containers received.

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

Envirolab Analysis Dates

Lab Sample ID	22/07217/1	22/07217/2	22/07217/3	22/07217/4	22/07217/5	22/07217/6	22/07217/7	22/07217/8	22/07217/9
Client Sample No									
Client Sample ID/Depth	TP216 0.20m	TP216 0.60m	TP216 1.20m	TP217 0.50m	TP215 1.00m	TP214 0.80m	TP220 0.70m	TP218 0.50m	TP219 0.50m
Date Sampled	18/07/22	18/07/22	18/07/22	18/07/22	18/07/22	18/07/22	19/07/22	19/07/22	19/07/22
A-T-004w		01/08/2022				01/08/2022			
A-T-006s		03/08/2022			03/08/2022	03/08/2022		03/08/2022	
A-T-006w		29/07/2022				01/08/2022			
A-T-019s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-019w		02/08/2022				02/08/2022			
A-T-022s		01/08/2022			01/08/2022	01/08/2022		01/08/2022	
A-T-022w		02/08/2022				02/08/2022			
A-T-024s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-025w		02/08/2022				02/08/2022			
A-T-026s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	03/08/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-026w		29/07/2022				29/07/2022			
A-T-027s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-031s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-031w		28/07/2022				28/07/2022			
A-T-032 FOC	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022	01/08/2022
A-T-032w		01/08/2022				01/08/2022			
A-T-040s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	02/08/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-040w		29/07/2022				29/07/2022			
A-T-042sTCN	02/08/2022	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-044	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022	28/07/2022
A-T-045	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022	26/07/2022
A-T-050s	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022	29/07/2022
A-T-052s		01/08/2022			01/08/2022	01/08/2022		01/08/2022	
A-T-054									19/08/2022
A-T-055s		02/08/2022			02/08/2022	02/08/2022		02/08/2022	
A-T-055w		02/08/2022				02/08/2022			
Calc	29/07/2022	02/08/2022	29/07/2022	29/07/2022	02/08/2022	02/08/2022	29/07/2022	29/07/2022	29/07/2022

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

SVOC Tentatively Identified Compounds

(Note: TIC Results are reported on an as received basis and are not moisture corrected).

**Appendix to Envirolab Report:**

Lab Client Sample ID	22/07379/2		
Client Sample ID	WS203		
Depth to top	0.50m		
Depth to bottom			
Top 10	Compound	CAS number	Estimated Concentration µg/kg
1	Cyclic octaatomic sulphur	10544-50-0	4605.469075
2			0
3			0
4			0
5			0
6			0
7			0
8			0
9			0
10			0

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 23/03958
Issue Number: 1
Date: 10 May, 2023

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: 1858
Date Samples Received: 21/04/23
Date Instructions Received: 26/04/23
Date Analysis Completed: 10/05/23

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
% Stones >10mm _A	14.5	3.1	13.3					% w/w	0.1	A-T-044
pH _D ^{M#}	8.30	8.51	7.99					pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	36	451	281					mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	<1					mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2					mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0294	0.0024	0.1007					N/A	0.0003	A-T-032s
Antimony _D	6	<5	16					mg/kg	5	A-T-024s
Arsenic _D ^{M#}	8	2	36					mg/kg	1	A-T-024s
Barium _D	274	25	343					mg/kg	1	A-T-024s
Beryllium _D	0.6	0.6	1.6					mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	14.2	3.0					mg/kg	1	A-T-027s
Cadmium _D ^{M#}	1.3	<0.5	3.1					mg/kg	0.5	A-T-024s
Copper _D ^{M#}	81	12	503					mg/kg	1	A-T-024s
Chromium _D ^{M#}	30	12	43					mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1					mg/kg	1	A-T-040s
Chromium (trivalent)	30	12	43					mg/kg	1	Calc
Lead _D ^{M#}	204	7	471					mg/kg	1	A-T-024s
Mercury _D	1.04	<0.17	2.42					mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	3	<1	9					mg/kg	1	A-T-024s
Nickel _D ^{M#}	20	11	70					mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1					mg/kg	1	A-T-024s
Vanadium _D ^{M#}	21	15	43					mg/kg	1	A-T-024s
Zinc _D ^{M#}	274	25	910					mg/kg	5	A-T-024s

Envirolab Job Number: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	-	NAD							A-T-045
Asbestos Matrix (visual) _D	-	-	-							A-T-045
Asbestos Matrix (microscope) _D	-	-	-							A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	-	N/A							A-T-045

Envirolab Job Number: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
PAH-16MS										
Acenaphthene _A ^{M#}	2.29	<0.01	0.26					mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.05	<0.01	0.03					mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	3.45	<0.02	0.80					mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	8.39	<0.04	2.01					mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	8.75	<0.04	2.03					mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	9.59	<0.05	2.27					mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	4.17	<0.05	1.02					mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	3.58	<0.07	0.79					mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	8.31	<0.06	2.09					mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.84	<0.04	0.21					mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	19.2	<0.08	4.57					mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	1.68	<0.01	0.22					mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	5.02	<0.03	1.17					mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.58	<0.03	0.07					mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	13.6	<0.03	3.22					mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	16.4	<0.07	3.97					mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	106	<0.08	24.7					mg/kg	0.01	A-T-019s
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: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
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	-	<100	-					µg/kg	100	A-T-052s
Carbazole _A	-	<100	-					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	-	<100	-					µg/kg	100	A-T-052s
3+4-Methylphenol _A	-	<100	-					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	-	<100	-					µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	-	<100	-					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	-	<100	-					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: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
n-Dioctylphthalate _A	-	<500	-					µg/kg	500	A-T-052s
n-Dibutylphthalate _A	-	<100	-					µg/kg	100	A-T-052s
Nitrobenzene _A	-	<100	-					µg/kg	100	A-T-052s
Isophorone _A	-	<100	-					µg/kg	100	A-T-052s
Hexachloroethane _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: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
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 [#]	-	<1	-					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: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
Chlorobenzene _A [#]	-	<1	-					µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	-	<1	-					µg/kg	1	A-T-006s
Ethylbenzene _A [#]	-	<1	-					µg/kg	1	A-T-006s
m & p Xylene _A [#]	-	<1	-					µg/kg	1	A-T-006s
o-Xylene _A [#]	-	<1	-					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
1,1,1,2-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 [#]	-	<1	-					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 [#]	-	<1	-					µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	-	<1	-					µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	-	<1	-					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: 23/03958

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/03958/2	23/03958/3	23/03958/4					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	WS311	HP301							
Depth to Top	0.50	1.80	0.50							
Depth To Bottom										
Date Sampled	24-Apr-23	20-Apr-23	20-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4ABD	1A	4AE							
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	-	<1	-					mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Ali >C35-C44 _A	-	<1	-					mg/kg	1	A-T-055s
Total Aliphatics _A	-	<1	-					mg/kg	1	Calc-As Recd
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	-	<1	-					mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	<1	-					mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	<1	-					mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	<1	-					mg/kg	1	A-T-055s
Aro >C35-C44 _A	-	<1	-					mg/kg	1	A-T-055s
Total Aromatics _A	-	<1	-					mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	-	<1	-					mg/kg	1	Calc-As Recd
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: 23/03958

Date Received: 26/04/2023 (am)

Cool Box Temperatures (°C): 11.4

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	23/03958/2	23/03958/3	23/03958/4
Client Sample No			
Client Sample ID/Depth	RBH305 0.50m	WS311 1.80m	HP301 0.50m
Date Sampled	24/04/23	20/04/23	20/04/23
A-T-004s	04/05/2023		04/05/2023
A-T-006s		03/05/2023	
A-T-007s	04/05/2023		04/05/2023
A-T-019s	03/05/2023	03/05/2023	03/05/2023
A-T-022s	03/05/2023	03/05/2023	03/05/2023
A-T-024s	05/05/2023	05/05/2023	05/05/2023
A-T-025w	05/05/2023		05/05/2023
A-T-026s	04/05/2023	04/05/2023	04/05/2023
A-T-026w	05/05/2023		05/05/2023
A-T-026w (F)	05/05/2023		05/05/2023
A-T-027s	05/05/2023	10/05/2023	05/05/2023
A-T-030s	04/05/2023		04/05/2023
A-T-031s	04/05/2023	04/05/2023	04/05/2023
A-T-031w	05/05/2023		05/05/2023
A-T-032s	05/05/2023	05/05/2023	05/05/2023
A-T-032w	05/05/2023		05/05/2023
A-T-037w	05/05/2023		05/05/2023
A-T-040s	04/05/2023	04/05/2023	04/05/2023
A-T-042sTCN	04/05/2023	04/05/2023	04/05/2023
A-T-044	05/05/2023	05/05/2023	05/05/2023
A-T-045	27/04/2023		27/04/2023
A-T-050s	04/05/2023	04/05/2023	04/05/2023
A-T-050w	05/05/2023		05/05/2023
A-T-052s		03/05/2023	
A-T-055s		03/05/2023	
A-T-ANCs	05/05/2023		05/05/2023
Calc	05/05/2023	05/05/2023	05/05/2023
Calc-As Recd		03/05/2023	
Calc-no stones	05/05/2023		05/05/2023
Probe (w)	05/05/2023		05/05/2023

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

End of Report

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 23/04296
Issue Number: 1
Date: 15 May, 2023

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: 1858
Date Samples Received: 04/05/23
Date Instructions Received: 05/05/23
Date Analysis Completed: 15/05/23

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
pH (w) _A [#]	7.20	7.15	6.69	7.12	6.89	6.88	7.14	pH	0.01	A-T-031w
Dissolved Oxygen _A	8.7	8.4	5.9	9.2	6.0	9.0	7.0	mg/l	0.5	A-T-048
COD (settled) _A [#]	25	11	<5	6	105	11	7	mg/l	5	A-T-034w
BOD (settled, 5 day) _A	<1	<1	<1	<1	7	<1	<1	mg/l	1	A-T-048
Hardness Total _A [#]	678	386	334	409	549	402	403	mg/l Ca CO ₃	2	A-T-049w
Sulphate (w) _A [#]	283	112	70	177	515	132	89	mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	<2.0	2.9	<2.0	2.5	29.3	<2.0	<2.0	mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	27	<1	<1	2	8	<1	<1	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 [#]	185	103	116	132	155	111	121	mg/l	1	A-T-049w
Copper (dissolved) _A	<4	8	8	6	<4	5	<4	µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	11	10	10	2	8	8	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	3	3	8	24	<2	<2	µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	3	1	3	<1	2	3	µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	8	19	31	15	15	15	6	µg/l	2	A-T-025w

Envirolab Job Number: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
PAH 16MS (w)										
Acenaphthene (w) _A [#]	0.15	<0.01	<0.01	<0.01	<0.01	0.04	<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 [#]	0.02	<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	0.10	<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	<0.01	<0.01	<0.01	0.03	<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	0.11	<0.01	µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.21	<0.01	<0.01	<0.01	0.03	0.26	<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: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
SVOC (excluding PAH-16) (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
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
Butylbenzyl phthalate _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
Carbazole _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	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w
n-Dioctylphthalate _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
Hexachlorobutadiene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-052w

Envirolab Job Number: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
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	2	<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
Isophorone _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: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
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 [#]	2	<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 [#]	32	<1	2	<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 [#]	54	1	79	<1	<1	4	3	µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Chloroform _A [#]	<1	28	9	3	1	163	27	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 [#]	12	<1	2	<1	<1	<1	<1	µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	207	38	2	<1	164	53	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	4	277	3	<1	214	43	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	4	<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: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
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: 23/04296

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH305	RBH306	RBH203	LK BH03			
Depth to Top	5.65	7.50	7.05	6.50	6.00	7.60	7.60			
Depth To Bottom										
Date Sampled	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23	04-May-23			
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW			
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	2	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 [#]	12	<1	2	<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	14	<5	<5	µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	<5	19	<5	<5	µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	5	<5	<5	<5	13	9	<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	17	<10	<10	<10	46	<10	<10	µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	17	<10	<10	<10	48	10	<10	µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	12	<1	2	<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

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: 23/04296

Date Received: 05/05/2023 (am)

Cool Box Temperatures (°C): 14.4 - 15.6

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	23/04296/1	23/04296/2	23/04296/3	23/04296/4	23/04296/5	23/04296/6	23/04296/7
Client Sample No							
Client Sample ID/Depth	RBH301 5.65m	RBH302 7.50m	RBH303 7.05m	RBH305 6.50m	RBH306 6.00m	RBH203 7.60m	LK BH03 7.60m
Date Sampled	04/05/23	04/05/23	04/05/23	04/05/23	04/05/23	04/05/23	04/05/23
A-T-006w	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023
A-T-019w	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023
A-T-022w	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
A-T-025w	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023
A-T-026w	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023
A-T-031w	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023
A-T-032w	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023	12/05/2023
A-T-034w	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
A-T-048	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
A-T-049w	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
A-T-050w	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023	15/05/2023
A-T-052w	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023	11/05/2023
A-T-055w	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023
Calc-As Recd	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023	10/05/2023

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

End of Report

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 23/04477
Issue Number: 1

Date: 19 May, 2023

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: 1858
Date Samples Received: 10/05/23
Date Instructions Received: 11/05/23
Date Analysis Completed: 19/05/23

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
pH (w) _A [#]	7.26	7.21	6.82	7.17	7.40			pH	0.01	A-T-031w
Dissolved Oxygen _A	9.5	9.6	9.7	9.5	9.4			mg/l	0.5	A-T-048
COD (settled) _A [#]	<5	35	19	542	<5			mg/l	5	A-T-034w
BOD (settled, 5 day) _A	<1	<1	<1	1	<1			mg/l	1	A-T-048
Hardness Total _A [#]	743	385	329	366	395			mg/l Ca CO ₃	2	A-T-049w
Sulphate (w) _A [#]	290	117	75	92	94			mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	3.1	3.9	2.9	2.0	<2.0			mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	28	<1	<1	<1	<1			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 [#]	202	101	114	106	118			mg/l	1	A-T-049w
Copper (dissolved) _A	<4	<4	<4	<4	<4			µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	7	5	6	7			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	2	<2	<2	<2			µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	3	<1	2	3			µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	3	6	9	7	6			µg/l	2	A-T-025w

Envirolab Job Number: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
PAH 16MS (w)										
Acenaphthene (w) _A [#]	0.13	<0.01	<0.01	0.26	<0.01			µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<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	0.09	<0.01			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	0.23	<0.01			µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	<0.01	<0.01	0.18	<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	<0.01	<0.01			µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01	<0.01	0.49	<0.01			µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01	<0.01	0.17	<0.01			µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.14	<0.01	<0.01	1.42	<0.01			µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.10	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Cresols (w) _A	<0.10	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.10	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Resorcinol (w) _A	<0.10	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
Phenols - Total by HPLC (w) _A	<0.10	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w

Envirolab Job Number: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
SVOC (excluding PAH-16) (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
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
Butylbenzyl phthalate _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Carbazole _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	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
n-Dioctylphthalate _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
Hexachlorobutadiene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-052w

Envirolab Job Number: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
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	<1	<1			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
Isophorone _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: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
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	<1	<1			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 [#]	33	<1	2	<1	<1			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 [#]	69	1	82	3	4			µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Chloroform _A [#]	<1	25	9	121	32			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 [#]	13	<1	2	<1	<1			µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	159	22	107	48			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	3	221	200	39			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	3	<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: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
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
1,1,1,2-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: 23/04477

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH301	RBH302	RBH303	RBH203	LK BH03					
Depth to Top	5.70	7.50	7.10	7.60	7.60					
Depth To Bottom										
Date Sampled	10-May-23	10-May-23	10-May-23	10-May-23	10-May-23					
Sample Type	Water - GW	Water - GW	Water - GW	Water - GW	Water - GW					
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	<5			µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	11	<1	2	<1	<1			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	5	<5			µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	6	5	<5	10	<5			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	17	<10	<10	15	<10			µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	17	<10	<10	15	<10			µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	11	<1	2	<1	<1			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 "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: 23/04477

Date Received: 11/05/2023 (am)

Cool Box Temperatures (°C): 11.0 & 11.4

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	23/04477/1	23/04477/2	23/04477/3	23/04477/4	23/04477/5
Client Sample No					
Client Sample ID/Depth	RBH301 5.70m	RBH302 7.50m	RBH303 7.10m	RBH203 7.60m	LK BH03 7.60m
Date Sampled	10/05/23	10/05/23	10/05/23	10/05/23	10/05/23
A-T-006w	19/05/2023	19/05/2023	19/05/2023	19/05/2023	19/05/2023
A-T-019w	16/05/2023	16/05/2023	16/05/2023	16/05/2023	16/05/2023
A-T-022w	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
A-T-025w	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
A-T-026w	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
A-T-031w	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
A-T-032w	18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
A-T-034w	17/05/2023	19/05/2023	19/05/2023	17/05/2023	17/05/2023
A-T-048	16/05/2023	16/05/2023	16/05/2023	16/05/2023	16/05/2023
A-T-049w	16/05/2023	16/05/2023	16/05/2023	16/05/2023	16/05/2023
A-T-050w	19/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
A-T-052w	17/05/2023	17/05/2023	17/05/2023	17/05/2023	17/05/2023
A-T-055w	18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023
Calc-As Recd	18/05/2023	18/05/2023	18/05/2023	18/05/2023	18/05/2023

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

End of Report

FINAL ANALYTICAL TEST REPORT SUPPLEMENT TO TEST REPORT 23/04510/1

Amendments: Request for project/sample information change

Envirolab Job Number: 23/04510
Issue Number: 2

Date: 14 July, 2023

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: 1858
Date Samples Received: 11/05/23
Date Instructions Received: 11/05/23
Date Analysis Completed: 22/05/23

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
pH (w) _A [#]	7.64	7.24	8.03					pH	0.01	A-T-031w
Dissolved Oxygen _A	9.6	3.5	9.9					mg/l	0.5	A-T-048
COD (settled) _A [#]	15	84	26					mg/l	5	A-T-034w
BOD (settled, 5 day) _A	<1	4	2					mg/l	1	A-T-048
Hardness Total _A [#]	477	588	166					mg/l Ca CO ₃	2	A-T-049w
Sulphate (w) _A [#]	245	480	50					mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	3.3	20.5	3.2					mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	2	8	2					µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2					µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	155	167	52					mg/l	1	A-T-049w
Copper (dissolved) _A	<4	<4	4					µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	7	2	7					µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1					µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	7	18	<2					µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	3	<1	<1					µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	9	9	18					µg/l	2	A-T-025w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<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					µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01	0.04	0.01					µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	<0.01	0.04	0.01					µg/l	0.01	A-T-019w
Phenols (speciated HPLC) (w)										
Phenol (w) _A	<0.01	<0.01	<0.01					mg/l	0.01	A-T-050w
Cresols (w) _A	<0.01	<0.01	<0.01					mg/l	0.01	A-T-050w
Xylenols (w) _A	<0.01	<0.01	<0.01					mg/l	0.01	A-T-050w
Resorcinol (w) _A	<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					mg/l	0.01	A-T-050w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
SVOC (excluding PAH-16) (w)										
1,2,4-Trichlorobenzene _A	<1	<1	<1					µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1	<1	<1					µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1	<1	<1					µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1	<1	<1					µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1	<1	<1					µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1	<1	<1					µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1	<1	<1					µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1	<1	<1					µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1	<1	<1					µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1	<1	<1					µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1	<1	<1					µg/l	1	A-T-052w
2-Chlorophenol _A	<1	<1	<1					µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1	<1	<1					µg/l	1	A-T-052w
2-Methylphenol _A	<1	<1	<1					µg/l	1	A-T-052w
2-Nitrophenol _A	<1	<1	<1					µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1	<1	<1					µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1	<1	<1					µg/l	1	A-T-052w
3+4-Methylphenol _A	<1	<1	<1					µg/l	1	A-T-052w
4-Nitrophenol _A	<1	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1	<1	<1					µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1	<1	<1					µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10	<10	<10					µg/l	10	A-T-052w
Butylbenzyl phthalate _A	<1	<1	<1					µg/l	1	A-T-052w
Carbazole _A	<1	<1	<1					µg/l	1	A-T-052w
Dibenzofuran _A	<1	<1	<1					µg/l	1	A-T-052w
n-Dibutylphthalate _A	<1	<1	<1					µg/l	1	A-T-052w
n-Diethylphthalate _A	<10	<10	<10					µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1	<1	<1					µg/l	1	A-T-052w
Diethyl phthalate _A	<1	<1	<1					µg/l	1	A-T-052w
Dimethyl phthalate _A	<1	<1	<1					µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1	<1	<1					µg/l	1	A-T-052w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
Hexachlorobenzene SVOC _A	<1	<1	<1					µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1	<1	<1					µg/l	1	A-T-052w
Phenol _A	<1	<1	<1					µg/l	1	A-T-052w
Hexachloroethane _A	<1	<1	<1					µg/l	1	A-T-052w
Nitrobenzene _A	<1	<1	<1					µg/l	1	A-T-052w
Isophorone _A	<1	<1	<1					µg/l	1	A-T-052w
Perylene _A	<1	<1	<1					µg/l	1	A-T-052w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1					µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10					µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5					µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5					µg/l	5	A-T-006w
Chloroform _A [#]	2	<1	<1					µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Benzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10					µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3					µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1					µg/l	1	A-T-006w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
1,1,1,2-Tetrachloroethane _A	<1	<1	<1					µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromoform _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Styrene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1					µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3					µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3					µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1					µg/l	1	A-T-006w

Envirolab Job Number: 23/04510

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH305	RBH306	SS304							
Depth to Top	6.50	6.00								
Depth To Bottom										
Date Sampled	11-May-23	11-May-23	11-May-23							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5					µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5					µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	6	<5					µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	7	<5					µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	8	8					µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10	<10	<10					µg/l	10	A-T-055w
Total Aromatics (w) _A	<10	21	<10					µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	21	<10					µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
MTBE (w) _A [#]	<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 within the same delivery, will be disposed of **six weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
 Analytical results reflect the quality of the sample at the time of analysis only.
 Opinions and Interpretations expressed are outside our scope of accreditation.
 The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.
 A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.

Key

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

Asbestos

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

Assigned Matrix Codes

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

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

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).
 For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.
 For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any "A" subscripts
 All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.
 Results "with Clean up" indicates samples cleaned up with Silica during extraction.

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

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

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

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

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

Envirolab Deviating Samples Report

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: 23/04510

Date Received: 11/05/2023 (pm)

Cool Box Temperatures (°C): 16.8

NO DEVIATIONS IDENTIFIED with respect to sampling dates or containers received.

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

Envirolab Analysis Dates

Lab Sample ID	23/04510/1	23/04510/2	23/04510/3
Client Sample No			
Client Sample ID/Depth	RBH305 6.50m	RBH306 6.00m	SS304
Date Sampled	11/05/23	11/05/23	11/05/23
A-T-006w	22/05/2023	22/05/2023	22/05/2023
A-T-019w	16/05/2023	16/05/2023	16/05/2023
A-T-022w	17/05/2023	17/05/2023	17/05/2023
A-T-025w	15/05/2023	15/05/2023	15/05/2023
A-T-026w	15/05/2023	15/05/2023	15/05/2023
A-T-031w	15/05/2023	15/05/2023	15/05/2023
A-T-032w	17/05/2023	17/05/2023	17/05/2023
A-T-034w	15/05/2023	15/05/2023	15/05/2023
A-T-048	17/05/2023	17/05/2023	17/05/2023
A-T-049w	15/05/2023	15/05/2023	15/05/2023
A-T-050w	22/05/2023	22/05/2023	22/05/2023
A-T-052w	17/05/2023	17/05/2023	17/05/2023
A-T-055w	18/05/2023	18/05/2023	18/05/2023
Calc-As Recd	18/05/2023	18/05/2023	18/05/2023

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

End of Report

RSK Group Plc
Abbey Park
Humber Road
Coventry
United Kingdom
CV3 4AQ



4225



Attention : Gerry Whittall
Date : 23rd May, 2023
Your reference : 4328
Our reference : Test Report 23/7284 Batch 1
Location : Dantzic St.
Date samples received : 10th May, 2023
Status : Final Report
Issue : 1

Four samples were received for analysis on 10th May, 2023 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Simon Gomery BSc

Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: RSK Group Plc
Reference: 4328
Location: Dantzic St.
Contact: Gerry Whittall

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Sample ID: WS303
Depth:
EMT Job No: 23/7284
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20267 0.55
Sample Train Serial number: ST-237

Q* - Qualifiers

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-01-4	62.5	# Vinyl Chloride		2.5	6.4	<1.5	<1.5	<3.8	<3.8
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4.0	<1.5	<1.5	<4.0	<4.0
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
75-35-4	96.95	1,1-Dichloroethene (1,1 DCE)		5	19.8	<1.5	<1.5	<5.9	<5.9
75-09-2	84.93	# Dichloromethane (DCM)		<14.4	<50	<14.4	<14.4	<50	<50
156-60-5	96.94	Trans-1,2-Dichloroethene		11.6	46	<1.5	<1.5	<5.9	<5.9
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
156-59-2	96.94	# cis-1,2-Dichloroethene		134	531	<1	<1	<4	<4
594-20-7	112.99	2,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-97-5	129.38	Bromochloromethane (Int Std)		NA	NA	<1.5	<1.5	<7.9	<7.9
67-66-3	119.39	# Chloroform		762.4	3722.7	<1.5	<1.5	<7.3	<7.3
71-55-6	133.42	# 1,1,1-Trichloroethane		1.8	9.8	<1.5	<1.5	<8.2	<8.2
563-58-6	110.97	1,1-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
56-23-5	153.84	# Carbon Tetrachloride		3787.1 _{AA}	23827.6 _{AA}	<150.0	<1.5	<940.0	<9.4
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-43-2	78.11	# Benzene		113.7	363.2	<1.5	<1.5	<4.8	<4.8
79-01-6	131.4	# Trichloroethene (TCE)		24139.5 _{AA}	129726.5 _{AA}	<150.0	<1.5	<810.0	<8.1
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-95-3	173.83	Dibromomethane		<1.5	<10.7	<1.5	<1.5	<10.7	<10.7
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
10061-01-5	110.97	cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-88-3	92.13	# Toluene		58.2	219.3	<1.5	<1.5	<5.7	<5.7
10061-02-6	110.97	trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
127-18-4	165.85	# Tetrachloroethene (PCE)		6.7	45.4	<1.5	<1.5	<10.2	<10.2
142-28-9	112.99	1,3-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
124-48-1	208.28	Dibromochloromethane		<1.5	<12.8	<1.5	<1.5	<12.8	<12.8
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
108-90-7	112.56	# Chlorobenzene		2	9.2	<1.5	<1.5	<6.9	<6.9
630-20-6	167.85	1,1,1,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
100-41-4	106.16	# Ethylbenzene		37.8	164.1	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		58.9	255.8	<1.5	<1.5	<6.5	<6.5
95-47-6	106.17	# o-Xylene		56.1	243.6	<1.5	<1.5	<6.5	<6.5
100-42-5	104.14	# Styrene		41.6	177.2	<1.5	<1.5	<6.4	<6.4
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
98-82-8	120.19	Isopropylbenzene		4.1	20.2	<1.5	<1.5	<7.4	<7.4

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Canister Serial number: V 20267 0.55
Sample Train Serial number: ST-237

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

QF-PM 3.1.13 v6 Please include all sections of this report if it is reproduced 3 of 13

Element Materials Technology

Client Name: RSK Group Plc
Reference: 4328
Location: Dantzic St.
Contact: Gerry Whittall

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Sample ID: WS309
Depth:
EMT Job No: 23/7284
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20298 0.55
Sample Train Serial number: ST-251

Q* - Qualifiers

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		4.3	8.9	<1.5	<1.5	<3.1	<3.1
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		1.8	4.7	<1.5	<1.5	<4.0	<4.0
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
75-35-4	96.95	1,1-Dichloroethene (1,1 DCE)		1.9	7.5	<1.5	<1.5	<5.9	<5.9
75-09-2	84.93	# Dichloromethane (DCM)		<14.4	<50	<14.4	<14.4	<50	<50
156-60-5	96.94	Trans-1,2-Dichloroethene		7.8	30.9	<1.5	<1.5	<5.9	<5.9
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
156-59-2	96.94	# cis-1,2-Dichloroethene		63	250	<1	<1	<4	<4
594-20-7	112.99	2,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-97-5	129.38	Bromochloromethane (Int Std)		NA	NA	<1.5	<1.5	<7.9	<7.9
67-66-3	119.39	# Chloroform		442.4	2160.2	<1.5	<1.5	<7.3	<7.3
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
563-58-6	110.97	1,1-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
56-23-5	153.84	# Carbon Tetrachloride		1817.9 _{AA}	11437.9 _{AA}	<150.0	<1.5	<940.0	<9.4
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-43-2	78.11	# Benzene		34.2	109.3	<1.5	<1.5	<4.8	<4.8
79-01-6	131.4	# Trichloroethene (TCE)		18657.3 _{AA}	100265.0 _{AA}	<150.0	<1.5	<810.0	<8.1
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-95-3	173.83	Dibromomethane		<1.5	<10.7	<1.5	<1.5	<10.7	<10.7
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
10061-01-5	110.97	cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-88-3	92.13	# Toluene		66.3	249.8	<1.5	<1.5	<5.7	<5.7
10061-02-6	110.97	trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
127-18-4	165.85	# Tetrachloroethene (PCE)		11.7	79.4	<1.5	<1.5	<10.2	<10.2
142-28-9	112.99	1,3-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
124-48-1	208.28	Dibromochloromethane		<1.5	<12.8	<1.5	<1.5	<12.8	<12.8
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
108-90-7	112.56	# Chlorobenzene		3.9	18	<1.5	<1.5	<6.9	<6.9
630-20-6	167.85	1,1,1,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
100-41-4	106.16	# Ethylbenzene		12.6	54.7	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		24.9	108.1	<1.5	<1.5	<6.5	<6.5
95-47-6	106.17	# o-Xylene		26.2	113.8	<1.5	<1.5	<6.5	<6.5
100-42-5	104.14	# Styrene		77.4	329.7	<1.5	<1.5	<6.4	<6.4
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
98-82-8	120.19	Isopropylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Canister Serial number: V 20298 0.55
Sample Train Serial number: ST-251

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

QF-PM 3.1.13 v6 Please include all sections of this report if it is reproduced 5 of 13

Element Materials Technology

Client Name: RSK Group Plc
Reference: 4328
Location: Dantzic St.
Contact: Gerry Whittall

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Sample ID: WS301
Depth:
EMT Job No: 23/7284
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20257 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4.0	<1.5	<1.5	<4.0	<4.0
75-69-4	137.36	# Trichlorofluoromethane (F-11)		1.9	10.7	<1.5	<1.5	<8.4	<8.4
75-35-4	96.95	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.93	# Dichloromethane (DCM)		<14.4	<50	<14.4	<14.4	<50	<50
156-60-5	96.94	Trans-1,2-Dichloroethene		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
594-20-7	112.99	2,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-97-5	129.38	Bromochloromethane (Int Std)		NA	NA	<1.5	<1.5	<7.9	<7.9
67-66-3	119.39	# Chloroform		14.8	72.3	<1.5	<1.5	<7.3	<7.3
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
563-58-6	110.97	1,1-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
56-23-5	153.84	# Carbon Tetrachloride		31.7	199.4	<1.5	<1.5	<9.4	<9.4
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
79-01-6	131.4	# Trichloroethene (TCE)		445.3	2393.1	<1.5	<1.5	<8.1	<8.1
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
74-95-3	173.83	Dibromomethane		<1.5	<10.7	<1.5	<1.5	<10.7	<10.7
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
10061-01-5	110.97	cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-88-3	92.13	# Toluene		<1.5	<5.7	<1.5	<1.5	<5.7	<5.7
10061-02-6	110.97	trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
142-28-9	112.99	1,3-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
124-48-1	208.28	Dibromochloromethane		<1.5	<12.8	<1.5	<1.5	<12.8	<12.8
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
630-20-6	167.85	1,1,1,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
98-82-8	120.19	Isopropylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4

Sample Date: 2 May 2023
Date of Receipt: 10 May 2023
Date Analysed: 22 May 2023

Canister Serial number: V 20257 0.55
Sample Train Serial number: ST-236

B Indicates analyte found in associated method blank
>> Indicates value exceeds calibration range

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

QF-PM 3.1.13 v6 Please include all sections of this report if it is reproduced 7 of 13

Client Name: RSK Group Plc

Reference: 4328

Location: Dantzic St.

Contact: Gerry Whittall

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 23/7284

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 37°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a requirement of our Accreditation Body for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.