

Envirolab Job Number: 23/03693

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/03693/8	23/03693/9	23/03693/10	23/03693/11	23/03693/12	23/03693/13	23/03693/14	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
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	<1000	-	-	-	-	-	-	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

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Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
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
Hexachlorocyclopentadiene _A	-	-	-	-	-	-	-	µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<100	-	-	-	-	-	-	µg/kg	100	A-T-052s
Perylene _A	331	-	-	-	-	-	-	µg/kg	100	A-T-052s

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Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
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

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Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
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

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Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	18	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	23	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	121	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	300	-	-	-	-	-	-	µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	6466	-	-	-	-	-	-	µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	1037	-	-	-	-	-	-	µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	9360	-	-	-	-	-	-	µg/l	10	Calc-As Recd
Aro >C5-C7 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	43	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	30	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	169	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	360	-	-	-	-	-	-	µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	150	-	-	-	-	-	-	µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	1174	-	-	-	-	-	-	µg/l	20	Calc-As Recd
TPH (Ali & Aro >C5-C44) (leachable) _A	10530	-	-	-	-	-	-	µg/l	20	Calc-As Recd
BTEX - Benzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
MTBE (leachable) _A	<1	-	-	-	-	-	-	µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	247	-	-	-	-	-	-	µg/l	20	A-T-055w

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Client Sample No										
Client Sample ID	WS309	WS309	WS309	TP306	TP304	TP304	TP304			
Depth to Top	0.40	1.00	3.00	0.50	0.20	0.50	1.50			
Depth To Bottom			3.50							
Date Sampled	11-Apr-23	11-Apr-23	11-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23	13-Apr-23			
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES			
Sample Matrix Code	4A	4ABE	1A	4A	4ABE	4AE	4ABE			
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	<10	-	-	-	-	-	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<10	-	-	-	-	-	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	51	-	-	-	-	-	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	126	-	-	-	-	-	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	1340	-	-	-	-	-	-	mg/kg	1	A-T-055s
Ali >C35-C44 _A	598	-	-	-	-	-	-	mg/kg	1	A-T-055s
Total Aliphatics _A	2120	-	-	-	-	-	-	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	<10	-	-	-	-	-	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<10	-	-	-	-	-	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	59	-	-	-	-	-	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	161	-	-	-	-	-	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	196	-	-	-	-	-	-	mg/kg	1	A-T-055s
Aro >C35-C44 _A	41	-	-	-	-	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	457	-	-	-	-	-	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	2570	-	-	-	-	-	-	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

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Lab Sample ID	23/03693/15	23/03693/16	23/03693/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP301	TP302	TP302							
Depth to Top	0.50	0.40	1.10							
Depth To Bottom										
Date Sampled	13-Apr-23	13-Apr-23	13-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4AB	5AB							
% Stones >10mm _A	1.9	<0.1	1.1					% w/w	0.1	A-T-044
pH _D ^{M#}	8.02	8.04	7.83					pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	86	812	208					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 [#]	0.0445	0.0144	0.0341					N/A	0.0003	A-T-032s
Antimony _D	<5	6	<5					mg/kg	5	A-T-024s
Arsenic _D ^{M#}	21	13	13					mg/kg	1	A-T-024s
Barium _D	121	371	104					mg/kg	1	A-T-024s
Beryllium _D	0.8	<0.5	0.7					mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	1.4	4.3	<1.0					mg/kg	1	A-T-027s
Cadmium _D ^{M#}	1.4	2.0	0.6					mg/kg	0.5	A-T-024s
Copper _D ^{M#}	70	529	57					mg/kg	1	A-T-024s
Chromium _D ^{M#}	31	35	17					mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1					mg/kg	1	A-T-040s
Chromium (trivalent)	31	35	17					mg/kg	1	Calc
Lead _D ^{M#}	700	221	104					mg/kg	1	A-T-024s
Mercury _D	0.54	<0.17	<0.17					mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	3	4	2					mg/kg	1	A-T-024s
Nickel _D ^{M#}	24	28	19					mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1					mg/kg	1	A-T-024s
Vanadium _D ^{M#}	27	27	24					mg/kg	1	A-T-024s
Zinc _D ^{M#}	177	481	58					mg/kg	5	A-T-024s

Envirolab Job Number: 23/03693

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/03693/15	23/03693/16	23/03693/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP301	TP302	TP302							
Depth to Top	0.50	0.40	1.10							
Depth To Bottom										
Date Sampled	13-Apr-23	13-Apr-23	13-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4AB	5AB							
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	Chrysotile	NAD							A-T-045
Asbestos Matrix (visual) _D	-	-	-							A-T-045
Asbestos Matrix (microscope) _D	-	Loose Fibres	-							A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A							A-T-045
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing) _D	-	<0.001	-					% w/w	0.001	A-T-054

Envirolab Job Number: 23/03693

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/03693/15	23/03693/16	23/03693/17					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP301	TP302	TP302							
Depth to Top	0.50	0.40	1.10							
Depth To Bottom										
Date Sampled	13-Apr-23	13-Apr-23	13-Apr-23							
Sample Type	Soil - ES	Soil - ES	Soil - ES							
Sample Matrix Code	4AB	4AB	5AB							
PAH-16MS										
Acenaphthene _A ^{M#}	0.01	0.17	<0.01					mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	0.05	<0.01					mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.02	0.27	<0.02					mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.12	0.91	<0.04					mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.16	1.05	<0.04					mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.16	1.07	<0.05					mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.12	0.71	<0.05					mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	0.49	<0.07					mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.12	0.92	<0.06					mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	0.14	<0.04					mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.18	1.73	<0.08					mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.01	0.11	<0.01					mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.12	0.77	<0.03					mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	0.08	<0.03					mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.13	1.04	<0.03					mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.18	1.68	<0.07					mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	1.33	11.2	<0.08					mg/kg	0.01	A-T-019s

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 NT02-04

Clients Project No: 4328

Project No: 23/03693

Date Received: 19/04/2023 (am)

Cool Box Temperatures (°C): 9.0,9.6,9.9,9.1,12.6

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	23/03693/1	23/03693/2	23/03693/3	23/03693/4	23/03693/5	23/03693/6	23/03693/7	23/03693/8	23/03693/9	23/03693/10	23/03693/11	23/03693/12
Client Sample No												
Client Sample ID/Depth	TP310 0.50m	TP307 0.30m	TP307 0.60m	TP305 0.50m	TP305 1.50m	TP308 0.10m	TP308 0.80m	WS309 0.40m	WS309 1.00m	WS309 3.00-3.50m	TP306 0.50m	TP304 0.20m
Date Sampled	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	11/04/23	11/04/23	11/04/23	13/04/23	13/04/23
A-T-004s	24/04/2023								24/04/2023		24/04/2023	
A-T-004w	21/04/2023		05/05/2023					05/05/2023				
A-T-006s	25/04/2023		25/04/2023					25/04/2023				
A-T-006w	21/04/2023		02/05/2023					02/05/2023				
A-T-007s	24/04/2023								24/04/2023		24/04/2023	
A-T-019s	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023
A-T-019w	21/04/2023		02/05/2023					02/05/2023				
A-T-022s	03/05/2023		26/04/2023					26/04/2023	26/04/2023		26/04/2023	
A-T-022w	21/04/2023		02/05/2023					02/05/2023				
A-T-024s	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-025w	21/04/2023		28/04/2023					28/04/2023	03/05/2023		03/05/2023	
A-T-026s	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
A-T-026w	21/04/2023		02/05/2023					02/05/2023	03/05/2023		03/05/2023	
A-T-026w (F)	21/04/2023								03/05/2023		03/05/2023	
A-T-027s	28/04/2023	27/04/2023	28/04/2023	28/04/2023	27/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-030s	26/04/2023								21/04/2023		26/04/2023	
A-T-031s	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
A-T-031w	21/04/2023		02/05/2023					02/05/2023	03/05/2023		03/05/2023	
A-T-032s	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
A-T-032w	21/04/2023		02/05/2023					02/05/2023	03/05/2023		03/05/2023	
A-T-037w	21/04/2023								03/05/2023		03/05/2023	
A-T-040s	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
A-T-040w	21/04/2023		02/05/2023					02/05/2023				
A-T-042sTCN	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023
A-T-044	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-045	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023		20/04/2023	20/04/2023
A-T-050s	26/04/2023	26/04/2023	26/04/2023	27/04/2023	26/04/2023	25/04/2023	25/04/2023	28/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023
A-T-050w	21/04/2023								03/05/2023		03/05/2023	
A-T-052s	27/04/2023		27/04/2023					24/04/2023				
A-T-054		01/05/2023						01/05/2023	01/05/2023			
A-T-055s	24/04/2023		24/04/2023					24/04/2023				
A-T-055w	21/04/2023		02/05/2023					02/05/2023				

Lab Sample ID	23/03693/1	23/03693/2	23/03693/3	23/03693/4	23/03693/5	23/03693/6	23/03693/7	23/03693/8	23/03693/9	23/03693/10	23/03693/11	23/03693/12
Client Sample No												
Client Sample ID/Depth	TP310 0.50m	TP307 0.30m	TP307 0.60m	TP305 0.50m	TP305 1.50m	TP308 0.10m	TP308 0.80m	WS309 0.40m	WS309 1.00m	WS309 3.00-3.50m	TP306 0.50m	TP304 0.20m
Date Sampled	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	12/04/23	11/04/23	11/04/23	11/04/23	13/04/23	13/04/23
A-T-ANCs	27/04/2023								27/04/2023		27/04/2023	
Calc	28/04/2023	28/04/2023	02/05/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023	02/05/2023	03/05/2023	28/04/2023	03/05/2023	28/04/2023
Calc-As Recd	03/05/2023		02/05/2023					02/05/2023				
Calc-no stones	03/05/2023								03/05/2023		03/05/2023	
Probe (w)	21/04/2023								03/05/2023		03/05/2023	

Lab Sample ID	23/03693/13	23/03693/14	23/03693/15	23/03693/16	23/03693/17
Client Sample No					
Client Sample ID/Depth	TP304 0.50m	TP304 1.50m	TP301 0.50m	TP302 0.40m	TP302 1.10m
Date Sampled	13/04/23	13/04/23	13/04/23	13/04/23	13/04/23
A-T-004s	24/04/2023		24/04/2023		
A-T-004w					
A-T-006s					
A-T-006w					
A-T-007s	24/04/2023		24/04/2023		
A-T-019s	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023
A-T-019w					
A-T-022s	26/04/2023		26/04/2023		
A-T-022w					
A-T-024s	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-025w	03/05/2023		03/05/2023		
A-T-026s	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
A-T-026w	03/05/2023		03/05/2023		
A-T-026w (F)	03/05/2023		03/05/2023		
A-T-027s	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-030s	26/04/2023		26/04/2023		
A-T-031s	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
A-T-031w	03/05/2023		03/05/2023		
A-T-032s	26/04/2023	26/04/2023	26/04/2023	26/04/2023	26/04/2023
A-T-032w	03/05/2023		03/05/2023		
A-T-037w	03/05/2023		03/05/2023		
A-T-040s	28/04/2023	28/04/2023	28/04/2023	28/04/2023	28/04/2023
A-T-040w					
A-T-042sTCN	21/04/2023	21/04/2023	21/04/2023	21/04/2023	21/04/2023
A-T-044	27/04/2023	27/04/2023	27/04/2023	27/04/2023	27/04/2023
A-T-045	20/04/2023	20/04/2023	20/04/2023	20/04/2023	20/04/2023
A-T-050s	25/04/2023	25/04/2023	25/04/2023	25/04/2023	25/04/2023
A-T-050w	03/05/2023		03/05/2023		
A-T-052s					
A-T-054				01/05/2023	
A-T-055s					
A-T-055w					
A-T-ANCs	27/04/2023		27/04/2023		
Calc	03/05/2023	28/04/2023	03/05/2023	28/04/2023	28/04/2023

Lab Sample ID	23/03693/13	23/03693/14	23/03693/15	23/03693/16	23/03693/17
Client Sample No					
Client Sample ID/Depth	TP304 0.50m	TP304 1.50m	TP301 0.50m	TP302 0.40m	TP302 1.10m
Date Sampled	13/04/23	13/04/23	13/04/23	13/04/23	13/04/23
Calc-As Recd					
Calc-no stones	03/05/2023		03/05/2023		
Probe (w)	03/05/2023		03/05/2023		

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: 23/05401
Issue Number: 1

Date: 01 December, 2023

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

Project Manager: Linden Richardson/Reece McGuinness
Project Name: Dantzic St, Manchester
Project Ref: G328
Order No: 1858
Date Samples Received: 02/06/23
Date Instructions Received: 02/06/23
Date Analysis Completed: 13/06/23

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
pH (w) _A [#]	7.88							pH	0.01	A-T-031w
Dissolved Oxygen _A	9.9							mg/l	0.5	A-T-048
COD (settled) _A [#]	14							mg/l	5	A-T-034w
BOD (settled, 5 day) _A	2							mg/l	1	A-T-048
Sulphate (w) _A [#]	60							mg/l	1	A-T-026w
DOC - Dissolved Organic Carbon (w) _A [#]	4.2							mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	3							µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2							µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	50							mg/l	1	A-T-049w
Copper (dissolved) _A	<4							µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1							µg/l	1	A-T-025w
Lead (dissolved) _A [#]	<1							µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.1							µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	4							µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1							µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	25							µg/l	2	A-T-025w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
PAH 16MS (w)										
Acenaphthene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01 ^U							µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	<0.01							µg/l	0.01	A-T-019w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
SVOC (excluding PAH-16) (w)										
1,2,4-Trichlorobenzene _A	<1							µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1							µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1							µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1							µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1							µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1							µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1							µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1							µg/l	1	A-T-052w
2-Chlorophenol _A	<1							µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1							µg/l	1	A-T-052w
2-Methylphenol _A	<1							µg/l	1	A-T-052w
2-Nitrophenol _A	<1							µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1							µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1							µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1							µg/l	1	A-T-052w
3+4-Methylphenol _A	<1							µg/l	1	A-T-052w
4-Nitrophenol _A	<1							µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1							µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1							µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10							µg/l	10	A-T-052w
Butylbenzyl phthalate _A	<1							µg/l	1	A-T-052w
Carbazole _A	<1							µg/l	1	A-T-052w
Dibenzofuran _A	<1							µg/l	1	A-T-052w
n-Dibutylphthalate _A	<1							µg/l	1	A-T-052w
n-Dioctylphthalate _A	<10							µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1							µg/l	1	A-T-052w
Diethyl phthalate _A	<1							µg/l	1	A-T-052w
Dimethyl phthalate _A	<1							µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1							µg/l	1	A-T-052w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
Hexachlorobenzene SVOC _A	<1							µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1							µg/l	1	A-T-052w
Phenol _A	<1							µg/l	1	A-T-052w
Hexachloroethane _A	<1							µg/l	1	A-T-052w
Nitrobenzene _A	<1							µg/l	1	A-T-052w
Isophorone _A	<1							µg/l	1	A-T-052w
Perylene _A	<1							µg/l	1	A-T-052w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1									
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
VOC (w)										
Dichlorodifluoromethane _A	<1							µg/l	1	A-T-006w
Chloromethane _A	<10							µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1							µg/l	1	A-T-006w
Bromomethane _A [#]	<1							µg/l	1	A-T-006w
Chloroethane _A [#]	<1							µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1							µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Dichloromethane _A	<5							µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1							µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5							µg/l	5	A-T-006w
Chloroform _A [#]	<1							µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2							µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
Benzene _A [#]	<1							µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1							µg/l	1	A-T-006w
Dibromomethane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10							µg/l	10	A-T-006w
Trichloroethene _A [#]	<1							µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
Toluene _A [#]	<1							µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3							µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1							µg/l	1	A-T-006w
Tetrachloroethene _A	<1							µg/l	1	A-T-006w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1									
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
								Units	Limit of Detection	Method ref
1,1,1,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1							µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1							µg/l	1	A-T-006w
m & p Xylene _A [#]	<1							µg/l	1	A-T-006w
Bromoform _A [#]	<1							µg/l	3	A-T-006w
Styrene _A [#]	<1							µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
o-Xylene _A [#]	<1							µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1							µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1							µg/l	1	A-T-006w
Bromobenzene _A [#]	<1							µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1							µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1							µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2							µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2							µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 23/05401

Client Project Name: Dantzic St, Manchester

Client Project Ref: G328

Lab Sample ID	23/05401/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SS301									
Depth to Top										
Depth To Bottom										
Date Sampled	02-Jun-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5							µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5							µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5							µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10							µg/l	10	A-T-055w
Total Aromatics (w) _A	<10							µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10							µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
MTBE (w) _A [#]	<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: Dantzic St, Manchester

Clients Project No: G328

Project No: 23/05401

Date Received: 02/06/2023 (pm)

Cool Box Temperatures (°C): 15.1

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	23/05401/1
Client Sample No	
Client Sample ID/Depth	SS301
Date Sampled	02/06/23
A-T-006w	06/06/2023
A-T-019w	12/06/2023
A-T-022w	06/06/2023
A-T-025w	13/06/2023
A-T-026w	07/06/2023
A-T-031w	07/06/2023
A-T-032w	07/06/2023
A-T-034w	08/06/2023
A-T-048	07/06/2023
A-T-049w	07/06/2023
A-T-052w	08/06/2023
A-T-055w	12/06/2023
Calc-As Recd	12/06/2023

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

End of Report

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 23/09229
Issue Number: 1

Date: 01 December, 2023

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

Project Manager: Reece McGuinness
Project Name: Plots NT02-04
Project Ref: 4328
Order No: 1910
Date Samples Received: 18/09/23
Date Instructions Received: 18/09/23
Date Analysis Completed: 03/10/23

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
% Stones >10mm _A	2.8	13.5	<0.1	1.2	12.8			% w/w	0.1	A-T-044
pH _D ^{M#}	7.89	8.02	8.46	8.67	8.34			pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	1450	1420	47	93	28			mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	<1	<1	<1			mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	0.4	<0.2	<0.4	<0.2			mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.1198	0.0651	0.0632	0.0249	0.0025			N/A	0.0003	A-T-032s
Antimony _D	50	26	7	<5	<5			mg/kg	5	A-T-024s
Arsenic _D ^{M#}	13	5	12	4	5			mg/kg	1	A-T-024s
Barium _D	1430	503	188	124	30			mg/kg	1	A-T-024s
Beryllium _D	0.6	<0.5	1.1	1.2	0.5			mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	5.8	18.6	13.4	1.7	1.4			mg/kg	1	A-T-027s
Cadmium _D ^{M#}	15.4	7.0	1.6	0.7	0.7			mg/kg	0.5	A-T-024s
Copper _D ^{M#}	4520	1520	502	62	10			mg/kg	1	A-T-024s
Chromium _D ^{M#}	161	88	33	30	16			mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1			mg/kg	1	A-T-040s
Chromium (trivalent)	161	88	33	30	16			mg/kg	1	Calc
Lead _D ^{M#}	1220	700	254	48	9			mg/kg	1	A-T-024s
Mercury _D	4.76	3.31	0.87	0.18	<0.17			mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	26	16	3	<1	<1			mg/kg	1	A-T-024s
Nickel _D ^{M#}	303	80	36	29	16			mg/kg	1	A-T-024s
Selenium _D ^{M#}	2	<1	1	<1	<1			mg/kg	1	A-T-024s
Vanadium _D ^{M#}	32	25	29	33	17			mg/kg	1	A-T-024s
Zinc _D ^{M#}	5180	3390	305	57	33			mg/kg	5	A-T-024s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	-	*	-	*	-					A-T-001
pH (leachable) _A	-	7.08	-	7.62	-			pH	0.01	A-T-031w
Sulphate (leachable) _A	-	480.01	-	<1.00	-			mg/l	1	A-T-026w
DOC (leachable) _A	-	20.2	-	17.9	-			mg/l	2	A-T-032w
Antimony (leachable) _A	-	4	-	9	-			µg/l	1	A-T-025w
Arsenic (leachable) _A	-	1	-	16	-			µg/l	1	A-T-025w
Boron (leachable) _A	-	1910	-	226	-			µg/l	10	A-T-025w
Barium (leachable) _A	-	86	-	163	-			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: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
Copper (leachable) _A	-	<4	-	18	-			µg/l	4	A-T-025w
Chromium (leachable) _A	-	<1	-	1	-			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	-	4	-	62	-			µg/l	1	A-T-025w
Mercury (leachable) _A	-	<0.1	-	<0.1	-			µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	-	156	-	25	-			µg/l	1	A-T-025w
Nickel (leachable) _A	-	15	-	<2	-			µg/l	2	A-T-025w
Selenium (leachable) _A	-	<1	-	<1	-			µg/l	1	A-T-025w
Vanadium (leachable) _A	-	<1	-	8	-			µg/l	1	A-T-025w
Zinc (leachable) _A	-	12	-	14	-			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: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	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	-					A-T-045

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
PAH-16MS										
Acenaphthene _A ^{M#}	0.07	0.43	0.31	0.03	<0.01			mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.01	0.02	0.02	<0.01	<0.01			mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.06	0.27	0.47	0.04	<0.02			mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.33	0.85	1.25	<0.04	<0.04			mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.40	0.66	0.95	<0.04	<0.04			mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.49	0.72	1.14	<0.05	<0.05			mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.34	0.40	0.59	<0.05	<0.05			mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.17	0.28	0.49	<0.07	<0.07			mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.39	0.85	1.34	<0.06	<0.06			mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04	0.06	0.09	<0.04	<0.04			mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.62	2.11	3.40	<0.08	<0.08			mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.06	0.30	0.22	0.03	<0.01			mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.38	0.49	0.73	<0.03	<0.03			mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.12 ^U	0.40 ^U	0.14	<0.03 ^U	<0.03 ^U			mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.36	1.74	2.09	0.16	<0.03			mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.67	2.13	3.17	<0.07	<0.07			mg/kg	0.07	A-T-019s
Total PAH-16MS _A	4.47	11.7	16.4	0.26	<0.08			mg/kg	0.01	A-T-019s

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Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	-	0.09	-	<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	-	0.03	-	<0.02	-			µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	-	0.03	-	<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	-	0.09	-	0.03	-			µg/l	0.02	A-T-019w
Fluorene (leachable) _A	-	0.05	-	<0.02	-			µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	-	0.03	-	<0.02	-			µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	-	0.37	-	<0.02	-			µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	-	0.14	-	0.04	-			µg/l	0.02	A-T-019w
Pyrene (leachable) _A	-	0.08	-	0.03	-			µg/l	0.02	A-T-019w
Total PAH 16MS (leachable)_A	-	1.00	-	0.10	-			µg/l	0.02	A-T-019w

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	-	0.008	-	<0.002	-			µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	-	0.004	-	<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	-	0.014	-	<0.002	-			µg/l	0.002	A-T-004w

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Hexachlorobenzene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Diethyl phthalate _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Dimethyl phthalate _A	-	449	<100	<100	<100			µg/kg	100	A-T-052s
Dibenzofuran _A	-	233	436	<100	<100			µg/kg	100	A-T-052s
Carbazole _A	-	279	367	<100	<100			µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	-	1000	<100	<100	<100			µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	-	200000	<500	<500	<500			µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
4-Nitrophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
3+4-Methylphenol _A	-	575	<100	<100	<100			µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2-Nitrophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2-Methylphenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2-Chlorophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	-	1150	<100	<100	<100			µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	-	168	<100	<100	<100			µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2-Chloronaphthalene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
2-Methylnaphthalene _A	-	365	244	<100	<100			µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Phenol _A	-	292	<100	<100	<100			µg/kg	100	A-T-052s
Pentachlorophenol _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
n-Diethylphthalate _A	-	5930	<500	<500	<500			µg/kg	500	A-T-052s
n-Dibutylphthalate _A	-	797	<100	<100	<100			µg/kg	100	A-T-052s
Nitrobenzene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Isophorone _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Hexachloroethane _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Hexachlorobutadiene _A	-	<100	<100	<100	<100			µg/kg	100	A-T-052s
Perylene _A	-	<1000	1390	<100	<100			µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
VOC										
Dichlorodifluoromethane _A	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Chloromethane _A	-	<250	<250	<250	<10			µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Bromomethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Chloroethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Dichloromethane _A	-	<125	<125	<125	<5			µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Bromochloromethane _A [#]	-	<125	<125	<125	<5			µg/kg	5	A-T-006s
Chloroform _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	-	<50	<50	<50	<2			µg/kg	2	A-T-006s
Benzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Trichloroethene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Dibromomethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	-	<250	<250	<250	<10			µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Toluene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	-	<75	<75	<75	<3			µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
Chlorobenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Ethylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
m & p Xylene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
o-Xylene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Styrene _A [#]	-	<25 ^U	<25 ^U	<25 ^U	<1 ^U			µg/kg	1	A-T-006s
Bromoform _A [#]	-	<25	<25	<25	<1			µg/kg	3	A-T-006s
Isopropylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
Bromobenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	-	<50	<50	<50	<2			µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	-	<50	<50	<50	<2			µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	-	<75	<75	<75	<3			µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	-	<25	<25	<25	<1			µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	-	<75	<75	<75	<3			µg/kg	3	A-T-006s

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	-	<2	-	<2	-			µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	-	<6	-	<6	-			µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	-	11	-	<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	-	20	-	<10	-			µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	-	23	-	<10	-			µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	-	128	-	<20	-			µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	-	23	-	<10	-			µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	-	221	-	<20	-			µg/l	10	Calc-As Recd
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	-	57	-	<10	-			µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	-	108	-	<10	-			µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	-	162	-	<10	-			µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	-	92	-	<10	-			µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	-	<10	-	<10	-			µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	-	499	-	<20	-			µg/l	20	Calc-As Recd
TPH (Ali & Aro >C5-C44) (leachable) _A	-	720	-	<20	-			µg/l	20	Calc-As Recd
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	-	2	-	<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	-	43	-	<20	-			µg/l	20	A-T-055w

Envirolab Job Number: 23/09229

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403	RBH403	RBH403	RBH403	RBH403					
Depth to Top	0.5	3.5	6.00	9.90	10.05					
Depth To Bottom										
Date Sampled	13-Sep-23	13-Sep-23	14-Sep-23	14-Sep-23	14-Sep-23					
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES					
Sample Matrix Code	6AE	6AE	6AE	3B	1AB					
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	-	<10	<1	<1	<1			mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	<10	<1	<1	<1			mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	43	4	<1	<1			mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	114	6	<1	<1			mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	2310	59	3	2			mg/kg	1	A-T-055s
Ali >C35-C44 _A	-	502	32	<1	<1			mg/kg	1	A-T-055s
Total Aliphatics _A	-	2970	101	3	2			mg/kg	1	Calc-As Recd
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	-	<10	1	1	<1			mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	16	4	<1	<1			mg/kg	1	A-T-055s
Aro >C12-C16 _A ^{M#}	-	56	17	<1	<1			mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	159	73	<1	<1			mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	320	220	3	<1			mg/kg	1	A-T-055s
Aro >C35-C44 _A	-	91	26	<1	<1			mg/kg	1	A-T-055s
Total Aromatics _A	-	641	341	4	<1			mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	-	3620	441	6	2			mg/kg	1	Calc-As Recd
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 [#]	-	0.04	<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 [#]	-	0.02	<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

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 NT02-04

Clients Project No: 4328

Project No: 23/09229

Date Received: 18/09/2023 (am)

Cool Box Temperatures (°C): 15.2

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	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6
Client Sample No					
Client Sample ID/Depth	RBH403 0.5m	RBH403 3.5m	RBH403 6.00m	RBH403 9.90m	RBH403 10.05m
Date Sampled	13/09/23	13/09/23	14/09/23	14/09/23	14/09/23
A-T-004s		03/10/2023			
A-T-004w		22/09/2023		22/09/2023	
A-T-006s		22/09/2023	22/09/2023	22/09/2023	22/09/2023
A-T-006w		22/09/2023		22/09/2023	
A-T-007s		25/09/2023			
A-T-019s	21/09/2023	21/09/2023	25/09/2023	21/09/2023	21/09/2023
A-T-019w		26/09/2023		26/09/2023	
A-T-022s		22/09/2023	26/09/2023	22/09/2023	22/09/2023
A-T-022w		25/09/2023		25/09/2023	
A-T-024s	26/09/2023	26/09/2023	27/09/2023	26/09/2023	26/09/2023
A-T-025w		26/09/2023		26/09/2023	
A-T-026s	22/09/2023	22/09/2023	27/09/2023	22/09/2023	22/09/2023
A-T-026w		26/09/2023		22/09/2023	
A-T-026w (F)		26/09/2023			
A-T-027s	25/09/2023	25/09/2023	25/09/2023	25/09/2023	25/09/2023
A-T-030s		22/09/2023			
A-T-031s	25/09/2023	25/09/2023	26/09/2023	25/09/2023	25/09/2023
A-T-031w		26/09/2023		21/09/2023	
A-T-032s	25/09/2023	25/09/2023	25/09/2023	25/09/2023	25/09/2023
A-T-032w		26/09/2023		25/09/2023	
A-T-037w		26/09/2023			
A-T-040s	22/09/2023	22/09/2023	27/09/2023	22/09/2023	22/09/2023
A-T-040w		22/09/2023		22/09/2023	
A-T-042sTCN	21/09/2023	21/09/2023	21/09/2023	21/09/2023	21/09/2023
A-T-044	21/09/2023	21/09/2023	21/09/2023	21/09/2023	21/09/2023
A-T-045	20/09/2023	20/09/2023	20/09/2023	20/09/2023	
A-T-050s	22/09/2023	25/09/2023	22/09/2023	26/09/2023	22/09/2023
A-T-050w		26/09/2023			
A-T-052s		25/09/2023	25/09/2023	25/09/2023	25/09/2023
A-T-055s		22/09/2023	22/09/2023	22/09/2023	22/09/2023
A-T-055w		25/09/2023		25/09/2023	
A-T-ANCs		25/09/2023			

Lab Sample ID	23/09229/1	23/09229/2	23/09229/4	23/09229/5	23/09229/6
Client Sample No					
Client Sample ID/Depth	RBH403 0.5m	RBH403 3.5m	RBH403 6.00m	RBH403 9.90m	RBH403 10.05m
Date Sampled	13/09/23	13/09/23	14/09/23	14/09/23	14/09/23
Calc	26/09/2023	26/09/2023	27/09/2023	26/09/2023	26/09/2023
Calc-As Recd		25/09/2023	26/09/2023	25/09/2023	22/09/2023
Calc-no stones		26/09/2023			
Probe (w)		26/09/2023			

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: 23/09425
Issue Number: 1

Date: 02 October, 2023

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

Project Manager: Reece McGuinness
Project Name: Plots NT02-04
Project Ref: 4328
Order No: 1910
Date Samples Received: 22/09/23
Date Instructions Received: 22/09/23
Date Analysis Completed: 02/10/23

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
% Stones >10mm _A	<0.1	<0.1	21.6					% w/w	0.1	A-T-044
pH _D ^{M#}	8.29	7.86	8.28					pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	331	301	34					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 [#]	0.0156	0.0146	0.0013					N/A	0.0003	A-T-032s
Antimony _D	<5	<5	<5					mg/kg	5	A-T-024s
Arsenic _D ^{M#}	6	2	<1					mg/kg	1	A-T-024s
Barium _D	123	139	20					mg/kg	1	A-T-024s
Beryllium _D	1.5	1.2	<0.5					mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	1.6	1.7	1.4					mg/kg	1	A-T-027s
Cadmium _D ^{M#}	0.9	0.9	<0.5					mg/kg	0.5	A-T-024s
Copper _D ^{M#}	41	36	7					mg/kg	1	A-T-024s
Chromium _D ^{M#}	29	32	7					mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1					mg/kg	1	A-T-040s
Chromium (trivalent)	29	32	7					mg/kg	1	Calc
Lead _D ^{M#}	79	20	5					mg/kg	1	A-T-024s
Mercury _D	0.35	<0.17	<0.17					mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	1	<1	<1					mg/kg	1	A-T-024s
Nickel _D ^{M#}	29	27	8					mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1					mg/kg	1	A-T-024s
Vanadium _D ^{M#}	30	35	9					mg/kg	1	A-T-024s
Zinc _D ^{M#}	71	64	16					mg/kg	5	A-T-024s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD							A-T-045
Asbestos Matrix (visual) _D	-	-	-							A-T-045
Asbestos Matrix (microscope) _D	-	-	-							A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A							A-T-045

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
PAH-16MS										
Acenaphthene _A ^{M#}	0.09	<0.01	<0.01					mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.02	<0.01	<0.01					mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.22	<0.02	<0.02					mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.65	<0.04	<0.04					mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.67	<0.04	<0.04					mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.72	<0.05	<0.05					mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.26	<0.05	<0.05					mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.29	<0.07	<0.07					mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.85	<0.06	<0.06					mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.07	<0.04	<0.04					mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	1.02	<0.08	<0.08					mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.10	<0.01	<0.01					mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.30	<0.03	<0.03					mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.06	<0.03	<0.03					mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.91	<0.03	<0.03					mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	1.16	<0.07	<0.07					mg/kg	0.07	A-T-019s
Total PAH-16MS _A	7.39	<0.08	<0.08					mg/kg	0.01	A-T-019s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	<100	-	<100					µg/kg	100	A-T-052s
Hexachlorobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
Diethyl phthalate _A	<100	-	<100					µg/kg	100	A-T-052s
Dimethyl phthalate _A	<100	-	<100					µg/kg	100	A-T-052s
Dibenzofuran _A	<100	-	<100					µg/kg	100	A-T-052s
Carbazole _A	<100	-	<100					µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<100	-	<100					µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<500	-	<500					µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	<100	-	<100					µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	<100	-	<100					µg/kg	100	A-T-052s
4-Nitrophenol _A	<100	-	<100					µg/kg	100	A-T-052s
3+4-Methylphenol _A	<100	-	<100					µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	<100	-	<100					µg/kg	100	A-T-052s
2-Nitrophenol _A	<100	-	<100					µg/kg	100	A-T-052s
2-Methylphenol _A	<100	-	<100					µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
2-Chlorophenol _A	<100	-	<100					µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	<100	-	<100					µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	<100	-	<100					µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	<100	-	<100					µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	<100	-	<100					µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	<100	-	<100					µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	<100	-	<100					µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
2-Chloronaphthalene _A	<100	-	<100					µg/kg	100	A-T-052s
2-Methylnaphthalene _A	<100	-	<100					µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<100	-	<100					µg/kg	100	A-T-052s
Phenol _A	<100	-	<100					µg/kg	100	A-T-052s
Pentachlorophenol _A	<100	-	<100					µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	<100	-	<100					µg/kg	100	A-T-052s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
n-Dioctylphthalate _A	<500	-	<500					µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<100	-	<100					µg/kg	100	A-T-052s
Nitrobenzene _A	<100	-	<100					µg/kg	100	A-T-052s
Isophorone _A	<100	-	<100					µg/kg	100	A-T-052s
Hexachloroethane _A	<100	-	<100					µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<100	-	<100					µg/kg	100	A-T-052s
Perylene _A	393	-	<100					µg/kg	100	A-T-052s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
VOC										
Dichlorodifluoromethane _A	<25	-	<1					µg/kg	1	A-T-006s
Chloromethane _A	<250	-	<10					µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Bromomethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Chloroethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Dichloromethane _A	<125	-	<5					µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<125	-	<5					µg/kg	5	A-T-006s
Chloroform _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<50	-	<2					µg/kg	2	A-T-006s
Benzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Trichloroethene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Dibromomethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<250	-	<10					µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Toluene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<75	-	<3					µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<25	-	<1					µg/kg	1	A-T-006s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
Chlorobenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<25	-	<1					µg/kg	1	A-T-006s
Ethylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
m & p Xylene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
o-Xylene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Styrene _A [#]	<25 ^U	-	<1 ^U					µg/kg	1	A-T-006s
Bromoform _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Isopropylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<25	-	<1					µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<25	-	<1					µg/kg	1	A-T-006s
Bromobenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<50	-	<2					µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<25	-	<1					µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<50	-	<2					µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<75	-	<3					µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<25	-	<1					µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<75	-	<3					µg/kg	3	A-T-006s

Envirolab Job Number: 23/09425

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/09425/2	23/09425/4	23/09425/5					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH401	RBH401	RBH401							
Depth to Top	6.50	8.00	15.00							
Depth To Bottom										
Date Sampled	20-Sep-23	21-Sep-23	21-Sep-23							
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES							
Sample Matrix Code	6A	3	4A							
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	0.05	<0.01					mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1					mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<1					mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	<1	<1					mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	<1	<1	<1					mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	4	<1	<1					mg/kg	1	A-T-055s
Ali >C35-C44 _A	2	<1	<1					mg/kg	1	A-T-055s
Total Aliphatics _A	6	<1	<1					mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<2	<2	<2					mg/kg	1	A-T-055s
Aro >C10-C12 _A	1	<1	<1					mg/kg	1	A-T-055s
Aro >C12-C16 _A ^{M#}	9	<1	<1					mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	22	<1	<1					mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	60	<1	<1					mg/kg	1	A-T-055s
Aro >C35-C44 _A	2	<1	<1					mg/kg	1	A-T-055s
Total Aromatics _A	95	<2	<2					mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	101	<2	<2					mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01					mg/kg	0.01	A-T-022s

Report Notes

General

This report shall not be reproduced, except in full, without written approval from Envirolab.
 The results reported herein relate only to the material supplied to the laboratory.
 The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **six weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
 Analytical results reflect the quality of the sample at the time of analysis only.
 Opinions and Interpretations expressed are outside our scope of accreditation.
 The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.
 A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.

Key

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

Asbestos

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

Assigned Matrix Codes

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

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

Soil Chemical Analysis:

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

TPH by method A-T-007:

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

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

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

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

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

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

Envirolab Deviating Samples Report

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 NT02-04

Clients Project No: 4328

Project No: 23/09425

Date Received: 22/09/2023 (am)

Cool Box Temperatures (°C): 10.1

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	23/09425/2	23/09425/4	23/09425/5
Client Sample No			
Client Sample ID/Depth	RBH401 6.50m	RBH401 8.00m	RBH401 15.00m
Date Sampled	20/09/23	21/09/23	21/09/23
A-T-006s	27/09/2023		26/09/2023
A-T-019s	29/09/2023	29/09/2023	29/09/2023
A-T-022s	28/09/2023	28/09/2023	28/09/2023
A-T-024s	02/10/2023	02/10/2023	02/10/2023
A-T-026s	29/09/2023	29/09/2023	29/09/2023
A-T-027s	29/09/2023	29/09/2023	29/09/2023
A-T-031s	29/09/2023	29/09/2023	29/09/2023
A-T-032s	02/10/2023	02/10/2023	02/10/2023
A-T-040s	29/09/2023	29/09/2023	29/09/2023
A-T-042sTCN	26/09/2023	26/09/2023	26/09/2023
A-T-044	02/10/2023	02/10/2023	02/10/2023
A-T-045	25/09/2023	25/09/2023	25/09/2023
A-T-050s	28/09/2023	28/09/2023	28/09/2023
A-T-052s	27/09/2023		27/09/2023
A-T-055s	27/09/2023	27/09/2023	27/09/2023
Calc	02/10/2023	02/10/2023	02/10/2023
Calc-As Recd	28/09/2023	28/09/2023	28/09/2023

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: 23/09491
Issue Number: 1

Date: 10 October, 2023

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: 1910
Date Samples Received: 21/09/23
Date Instructions Received: 25/09/23
Date Analysis Completed: 10/10/23

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
% Stones >10mm _A	5.7	2.0	14.4	6.7				% w/w	0.1	A-T-044
pH _D ^{M#}	8.28	8.13	8.22	8.63				pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	447	834	257	393				mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	<1	<1				mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	0.8				mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0276	0.4854	0.0211	0.1398				N/A	0.0003	A-T-032s
Antimony _D	6	<5	6	35				mg/kg	5	A-T-024s
Arsenic _D ^{M#}	8	25	4	39				mg/kg	1	A-T-024s
Barium _D	213	104	123	539				mg/kg	1	A-T-024s
Beryllium _D	0.7	1.9	0.8	0.7				mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	14.4	5.4	1.7	44.2				mg/kg	1	A-T-027s
Cadmium _D ^{M#}	0.9	1.2	0.5	18.3				mg/kg	0.5	A-T-024s
Copper _D ^{M#}	97	394	41	3060				mg/kg	1	A-T-024s
Chromium _D ^{M#}	25	14	25	140				mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1				mg/kg	1	A-T-040s
Chromium (trivalent)	25	14	25	140				mg/kg	1	Calc
Lead _D ^{M#}	161	96	635	697				mg/kg	1	A-T-024s
Mercury _D	0.55	<0.17	0.54	11.7				mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	2	7	<1	27				mg/kg	1	A-T-024s
Nickel _D ^{M#}	20	32	24	128				mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1				mg/kg	1	A-T-024s
Vanadium _D ^{M#}	23	31	23	34				mg/kg	1	A-T-024s
Zinc _D ^{M#}	245	74	48	2390				mg/kg	5	A-T-024s
Leachate Prep BS EN 12457-1 (2:1) (3 no) _A	*	-	-	-						A-T-001
pH (leachable) _A	7.47	-	-	-				pH	0.01	A-T-031w
Sulphate (leachable) _A	290.10	-	-	-				mg/l	1	A-T-026w
DOC (leachable) _A	19.5	-	-	-				mg/l	2	A-T-032w
Antimony (leachable) _A	10	-	-	-				µg/l	1	A-T-025w
Arsenic (leachable) _A	11	-	-	-				µg/l	1	A-T-025w
Boron (leachable) _A	3680	-	-	-				µg/l	10	A-T-025w
Barium (leachable) _A	102	-	-	-				µg/l	1	A-T-025w
Beryllium (leachable) _A	<1	-	-	-				µg/l	1	A-T-025w
Cadmium (leachable) _A	<1	-	-	-				µg/l	1	A-T-025w

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
Copper (leachable) _A	6	-	-	-				µg/l	4	A-T-025w
Chromium (leachable) _A	<1	-	-	-				µg/l	1	A-T-025w
Chromium (hexavalent) (leachable) _A	<0.05	-	-	-				mg/l	0.05	A-T-040w
Chromium (trivalent)	<0.05	-	-	-				mg/l	0.05	Calc
Lead (leachable) _A	18	-	-	-				µg/l	1	A-T-025w
Mercury (leachable) _A	<0.1	-	-	-				µg/l	0.1	A-T-025w
Molybdenum (leachable) _A	102	-	-	-				µg/l	1	A-T-025w
Nickel (leachable) _A	6	-	-	-				µg/l	2	A-T-025w
Selenium (leachable) _A	<1	-	-	-				µg/l	1	A-T-025w
Vanadium (leachable) _A	2	-	-	-				µg/l	1	A-T-025w
Zinc (leachable) _A	15	-	-	-				µg/l	2	A-T-025w
1,2,4-Trimethylbenzene (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w
Isopropylbenzene (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w
n-propylbenzene (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w
Styrene (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w
Carbon Disulphide (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w
Hexachlorobutadiene (leachable) _A	<1	-	-	-				µg/l	1	A-T-006w

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	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						A-T-045

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
PAH-16MS										
Acenaphthene _A ^{M#}	0.25	0.09	<0.01	0.56				mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.02	<0.01	<0.01	0.03				mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.24	0.14	<0.02	0.58				mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.99	0.34	<0.04	1.04				mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	1.05	0.29	<0.04	0.85				mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	1.35	0.41	<0.05	1.34				mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.74	0.17	<0.05	0.61				mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.51	0.14	<0.07	0.44				mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	1.10	0.39	<0.06	1.29				mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.15	<0.04	<0.04	0.13				mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	2.10	0.76	<0.08	2.53				mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.15	0.05	<0.01	0.71				mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.83	0.20	<0.03	0.66				mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.13	0.06	<0.03	0.61				mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.97	0.64	0.05	2.84				mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	2.02	0.70	<0.07	2.79				mg/kg	0.07	A-T-019s
Total PAH-16MS _A	12.6	4.38	<0.08	17				mg/kg	0.01	A-T-019s

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
PAH 16MS (leachable)										
Acenaphthene (leachable) _A	0.45	-	-	-				µg/l	0.02	A-T-019w
Acenaphthylene (leachable) _A	<0.02	-	-	-				µg/l	0.02	A-T-019w
Anthracene (leachable) _A	0.04	-	-	-				µg/l	0.02	A-T-019w
Benzo(a)anthracene (leachable) _A	0.07	-	-	-				µg/l	0.02	A-T-019w
Benzo(a)pyrene (leachable) _A	0.05	-	-	-				µg/l	0.02	A-T-019w
Benzo(b)fluoranthene (leachable) _A	0.08	-	-	-				µg/l	0.02	A-T-019w
Benzo(ghi)perylene (leachable) _A	0.03	-	-	-				µg/l	0.02	A-T-019w
Benzo(k)fluoranthene (leachable) _A	0.03	-	-	-				µg/l	0.02	A-T-019w
Chrysene (leachable) _A	0.09	-	-	-				µg/l	0.02	A-T-019w
Dibenzo(ah)anthracene (leachable) _A	<0.02	-	-	-				µg/l	0.02	A-T-019w
Fluoranthene (leachable) _A	0.26	-	-	-				µg/l	0.02	A-T-019w
Fluorene (leachable) _A	0.11	-	-	-				µg/l	0.02	A-T-019w
Indeno(123-cd)pyrene (leachable) _A	0.03	-	-	-				µg/l	0.02	A-T-019w
Naphthalene (leachable) _A	0.06	-	-	-				µg/l	0.02	A-T-019w
Phenanthrene (leachable) _A	0.11	-	-	-				µg/l	0.02	A-T-019w
Pyrene (leachable) _A	0.21	-	-	-				µg/l	0.02	A-T-019w
Total PAH 16MS (leachable) _A	1.62	-	-	-				µg/l	0.02	A-T-019w

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
Speciated PCB-EC7 & WHO12 (leachable)										
PCB BZ 28 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 52 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 101 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 118 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 138 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 153 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 180 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 77 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 81 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 105 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 114 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 123 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 126 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 156 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 157 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 167 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 169 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
PCB BZ 189 (leachable) _A	<0.002	-	-	-				µg/l	0.002	A-T-004w
Total Speciated PCB-EC7 & WHO12 (leachable)_A	<0.002	-	-	-				µg/l	0.002	A-T-004w

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
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	-	129				µg/kg	100	A-T-052s
Dimethyl phthalate _A	<100	<100	-	230				µg/kg	100	A-T-052s
Dibenzofuran _A	241	<100	-	324				µg/kg	100	A-T-052s
Carbazole _A	271	<100	-	418				µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<100	<100	-	380				µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<500	<500	-	52200				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	-	565				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	-	172				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	146	<100	-	506				µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<100	<100	-	<100				µg/kg	100	A-T-052s
Phenol _A	<100	<100	-	365				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: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
n-Dioctylphthalate _A	<500	<500	-	5420				µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<100	<100	-	924				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
Hexachlorobutadiene _A	<100	<100	-	<100				µg/kg	100	A-T-052s
Perylene _A	918	<100	-	398				µg/kg	100	A-T-052s

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
VOC										
Dichlorodifluoromethane _A	<1	<25	-	<25				µg/kg	1	A-T-006s
Chloromethane _A	<10	<250	-	<250				µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Bromomethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Chloroethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	1	<25	-	46				µg/kg	1	A-T-006s
Dichloromethane _A	<5	<125	-	<125				µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<5	<125	-	<125				µg/kg	5	A-T-006s
Chloroform _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2	<50	-	<50				µg/kg	2	A-T-006s
Benzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Trichloroethene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Dibromomethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<10	<250	-	<250				µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Toluene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<3	<75	-	<75				µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
Chlorobenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1	<25	-	<25				µg/kg	1	A-T-006s
Ethylbenzene _A [#]	<1	<25	-	41				µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Styrene _A [#]	<1 ^U	<25 ^U	-	<25 ^U				µg/kg	1	A-T-006s
Bromoform _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Isopropylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
Bromobenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<2	<50	-	<50				µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<1	<25	-	<25				µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<2	<50	-	<50				µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<3	<75	-	<75				µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<1	<25	-	<25				µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<3	<75	-	<75				µg/kg	3	A-T-006s

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
TPH UKCWG (leachable) with Clean Up										
Ali >C5-C6 (leachable) _A	<2	-	-	-				µg/l	1	A-T-022w
Ali >C6-C8 (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
Ali >C8-C10 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Ali >C10-C12 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Ali >C12-C16 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Ali >C16-C21 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Ali >C21-C35 (leachable) _A	86	-	-	-				µg/l	20	A-T-055w
Ali >C35-C44 (leachable) _A	21	-	-	-				µg/l	10	A-T-055w
Total Aliphatics (leachable) _A	126	-	-	-				µg/l	10	Calc-As Recd
Aro >C5-C7 (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
Aro >C7-C8 (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
Aro >C8-C10 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Aro >C10-C12 (leachable) _A	17	-	-	-				µg/l	10	A-T-055w
Aro >C12-C16 (leachable) _A	47	-	-	-				µg/l	10	A-T-055w
Aro >C16-C21 (leachable) _A	38	-	-	-				µg/l	10	A-T-055w
Aro >C35-C44 (leachable) _A	<10	-	-	-				µg/l	10	A-T-055w
Total Aromatics (leachable) GCxGC _A	120	-	-	-				µg/l	20	Calc-As Recd
TPH (Ali & Aro >C5-C44) (leachable) _A	247	-	-	-				µg/l	20	Calc-As Recd
BTEX - Benzene (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
BTEX - Toluene (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
BTEX - Ethyl Benzene (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
BTEX - o Xylene (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
BTEX - m & p Xylene (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
MTBE (leachable) _A	<1	-	-	-				µg/l	1	A-T-022w
Aro >C21-C35 (leachable) _A	<20	-	-	-				µg/l	20	A-T-055w

Envirolab Job Number: 23/09491

Client Project Name: Plots NT02 - NT04

Client Project Ref: 4328

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7				Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH402	RBH402	RBH402	RBH401						
Depth to Top	1.50	3.70	5.30	1.00						
Depth To Bottom										
Date Sampled	19-Sep-23	19-Sep-23	19-Sep-23	20-Sep-23						
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES						
Sample Matrix Code	6AE	4A	6AB	6AE						
TPH UKCWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1	<1				mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<1	14				mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	<1	<1	63				mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	5	1	<1	192				mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	64	27	<1	1880				mg/kg	1	A-T-055s
Ali >C35-C44 _A	40	7	<1	496				mg/kg	1	A-T-055s
Total Aliphatics _A	111	36	<1	2650				mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	2	<2	<2	34				mg/kg	1	A-T-055s
Aro >C10-C12 _A	2	<1	<1	30				mg/kg	1	A-T-055s
Aro >C12-C16 _A ^{M#}	9	5	<1	78				mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	27	15	<1	173				mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	130	35	<1	134				mg/kg	1	A-T-055s
Aro >C35-C44 _A	11	2	<1	41				mg/kg	1	A-T-055s
Total Aromatics _A	182	57	<2	491				mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	293	94	<2	3140				mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	0.16				mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	0.16				mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.05				mg/kg	0.01	A-T-022s

Report Notes

General

This report shall not be reproduced, except in full, without written approval from Envirolab.
 The results reported herein relate only to the material supplied to the laboratory.
 The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **six weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
 Analytical results reflect the quality of the sample at the time of analysis only.
 Opinions and Interpretations expressed are outside our scope of accreditation.
 The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.
 A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.

Key

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

Asbestos

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

Assigned Matrix Codes

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

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

Soil Chemical Analysis:

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

TPH by method A-T-007:

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

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

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

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

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

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

Envirolab Deviating Samples Report

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: 23/09491

Date Received: 25/09/2023 (am)

Cool Box Temperatures (°C): 10.7

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	23/09491/2	23/09491/3	23/09491/4	23/09491/7
Client Sample No				
Client Sample ID/Depth	RBH402 1.50m	RBH402 3.70m	RBH402 5.30m	RBH401 1.00m
Date Sampled	19/09/23	19/09/23	19/09/23	20/09/23
A-T-004s			02/10/2023	
A-T-004w	02/10/2023			
A-T-006s	28/09/2023	29/09/2023		29/09/2023
A-T-006w	02/10/2023			
A-T-007s			03/10/2023	
A-T-019s	04/10/2023	04/10/2023	02/10/2023	04/10/2023
A-T-019w	03/10/2023			
A-T-022s	29/09/2023	29/09/2023	29/09/2023	02/10/2023
A-T-022w	02/10/2023			
A-T-024s	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-025w	10/10/2023		09/10/2023	
A-T-026s	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-026w	02/10/2023		09/10/2023	
A-T-026w (F)			09/10/2023	
A-T-027s	03/10/2023	04/10/2023	04/10/2023	03/10/2023
A-T-030s			03/10/2023	
A-T-031s	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-031w	02/10/2023		09/10/2023	
A-T-032s	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-032w	04/10/2023		09/10/2023	
A-T-037w			09/10/2023	
A-T-040s	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-040w	02/10/2023			
A-T-042sTCN	29/09/2023	29/09/2023	29/09/2023	29/09/2023
A-T-044	03/10/2023	03/10/2023	03/10/2023	03/10/2023
A-T-045	28/09/2023	28/09/2023	28/09/2023	28/09/2023
A-T-050s	29/09/2023	29/09/2023	29/09/2023	29/09/2023
A-T-050w			09/10/2023	
A-T-052s	03/10/2023	03/10/2023		03/10/2023
A-T-055s	29/09/2023	29/09/2023	29/09/2023	29/09/2023
A-T-055w	02/10/2023			
A-T-ANCs			03/10/2023	

Lab Sample ID	23/09491/2	23/09491/3	23/09491/4	23/09491/7
Client Sample No				
Client Sample ID/Depth	RBH402 1.50m	RBH402 3.70m	RBH402 5.30m	RBH401 1.00m
Date Sampled	19/09/23	19/09/23	19/09/23	20/09/23
Calc	09/10/2023	03/10/2023	03/10/2023	03/10/2023
Calc-As Recd	02/10/2023	29/09/2023	29/09/2023	02/10/2023
Calc-no stones			09/10/2023	
Probe (w)			09/10/2023	

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: 23/10932
Issue Number: 1

Date: 20 November, 2023

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

Project Manager: Reece McGuinness
Project Name: Plots NT02-04
Project Ref: 4328
Order No: 4328
Date Samples Received: 02/11/23
Date Instructions Received: 06/11/23
Date Analysis Completed: 20/11/23

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	26.8	3.0	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	9.31	8.16	8.40	8.05	7.76	7.94	7.38	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	13	167	25	83	51	68	11	mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2	<0.2	<0.2	<0.2	0.7	0.9	mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0010	0.0553	0.0003	0.0052	0.0039	0.0927	0.0830	N/A	0.0003	A-T-032s
Antimony _D	<5	<5	<5	<5	<5	146	10	mg/kg	5	A-T-024s
Arsenic _D ^{M#}	<1	17	<1	3	3	91	20	mg/kg	1	A-T-024s
Barium _D	26	119	13	88	75	203	135	mg/kg	1	A-T-024s
Beryllium _D	<0.5	1.3	<0.5	1.1	0.7	1.1	1.8	mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	2.7	<1.0	<1.0	<1.0	1.5	1.9	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5	0.5	<0.5	<0.5	<0.5	1.4	0.5	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	12	70	6	16	12	1700	112	mg/kg	1	A-T-024s
Chromium _D ^{M#}	9	23	8	26	15	16	30	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	9	23	8	26	15	16	30	mg/kg	1	Calc
Lead _D ^{M#}	7	139	6	22	8	44100	3020	mg/kg	1	A-T-024s
Mercury _D	<0.17	0.21	<0.17	<0.17	<0.17	2.66	<0.17	mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	<1	2	<1	<1	<1	4	3	mg/kg	1	A-T-024s
Nickel _D ^{M#}	8	27	6	26	18	38	30	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Vanadium _D ^{M#}	8	30	11	23	15	22	50	mg/kg	1	A-T-024s
Zinc _D ^{M#}	22	78	21	59	32	502	107	mg/kg	5	A-T-024s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	-	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			A-T-045

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Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
PAH-16MS										
Acenaphthene _A ^{M#}	1.40	<0.01	0.05	<0.01	<0.01	203	195	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.27	<0.01	<0.01	<0.01	<0.01	1.04	4.12	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	3.13	<0.02	0.07	<0.02	<0.02	82.5	71	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	5.08	<0.04	0.09	<0.04	<0.04	9.87	11.9	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	3.85	<0.04	0.06	<0.04	<0.04	1.81	2.07	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	4.22	<0.05	0.07	<0.05	<0.05	2.40	3.13	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	1.77	<0.05	<0.05	<0.05	<0.05	0.48	0.29	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	1.51	<0.07	<0.07	<0.07	<0.07	0.94	1.31	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	5.26	<0.06	0.09	<0.06	<0.06	8.08	10	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.45	<0.04	<0.04	<0.04	<0.04	0.18	0.13	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	12.5	<0.08	0.21	<0.08	<0.08	65.6	88.4	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	1.77	0.02	0.05	<0.01	<0.01	94.7	137	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	2.03	<0.03	<0.03	<0.03	<0.03	0.55	0.45	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	1.67	<0.03	<0.03	<0.03	<0.03	494	752	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	14.2	0.09	0.34	<0.03	<0.03	293	410	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	12.5	<0.07	0.20	<0.07	<0.07	49.7	66.8	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	71.6	0.11	1.23	<0.08	<0.08	1310	1750	mg/kg	0.01	A-T-019s

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Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Hexachlorobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Diethyl phthalate _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Dimethyl phthalate _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Dibenzofuran _A	739	<100	<100	<100	<100	62300	85800	µg/kg	100	A-T-052s
Carbazole _A	914	<100	<100	<100	<100	9080	11900	µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<500	<500	<500	<500	<500	<10000	<10000	µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
4-Nitrophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
3+4-Methylphenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2-Nitrophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2-Methylphenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2-Chlorophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2-Chloronaphthalene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
2-Methylnaphthalene _A	692	<100	<100	<100	<100	126000	179000	µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Phenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Pentachlorophenol _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
n-Dioctylphthalate _A	<500	<500	<500	<500	<500	<10000	<10000	µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Nitrobenzene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Isophorone _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Hexachloroethane _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<100	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s
Perylene _A	1590	<100	<100	<100	<100	<2000	<2000	µg/kg	100	A-T-052s

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Client Project Name: Plots NT02-04

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Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
VOC										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Chloromethane _A	<10	<10	<10	<10	<10	<10	<10	µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<1 ^U	<1 ^U	<1	<1 ^U	<1 ^U	<1 ^U	<1	µg/kg	1	A-T-006s
Bromomethane _A [#]	<1 ^U	<1 ^U	<1	<1 ^U	<1 ^U	<1 ^U	<1	µg/kg	1	A-T-006s
Chloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Dichloromethane _A	<5	<5	<5	<5	<5	<5	<5	µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	3	µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	6	µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/kg	5	A-T-006s
Chloroform _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/kg	2	A-T-006s
Benzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Trichloroethene _A [#]	<1	<1	<1	151	<1	49	9	µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Dibromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Toluene _A [#]	<1	<1	<1	<1	<1	<1	1	µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
Chlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Ethylbenzene _A [#]	<1	<1	<1	<1	<1	56	42	µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	<1	<1	<1	<1	43	66	µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	<1	<1	<1	<1	37	34	µg/kg	1	A-T-006s
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromoform _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	39	18	µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<1	<1	<1	<1	<1	<1	9	µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	191	85	µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	<1	38	<1	<1	<1	483	251	µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	3	µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	114	26	µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<1	<1	<1	<1	<1	120	43	µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<2	<2	<2	<2	<2	<2	<2	µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<3	<3	<3	<3	<3	<3	<3	µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<3	<3	<3	<3	<3	<3	<3	µg/kg	3	A-T-006s

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Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH505	RBH503	RBH503	RBH501	RBH501	RBH504	RBH504			
Depth to Top	2.10	1.20	4.00	0.80	2.00	1.50	1.90			
Depth To Bottom										
Date Sampled	31-Oct-23	31-Oct-23	31-Oct-23	01-Nov-23	01-Nov-23	02-Nov-23	02-Nov-23			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	1A	6AB	1A	3	6A	6A	4A			
TPH UKCWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	4	<1	<1	<1	<1	30	<50	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<1	<1	<1	193	79	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	<1	<1	<1	<1	593	157	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	4	2	<1	<1	<1	547	152	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	130	26	9	<1	<1	2230	753	mg/kg	1	A-T-055s
Ali >C35-C44 _A	29	5	1	<1	<1	213	<50	mg/kg	1	A-T-055s
Total Aliphatics _A	169	33	10	<1	<1	3800	1140	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	2	<2	<2	<2	<2	<40	<100	mg/kg	1	A-T-055s
Aro >C10-C12 _A	11	<1	<1	<1	<1	1530	2560	mg/kg	1	A-T-055s
Aro >C12-C16 _A	39	5	<1	<1	<1	3720	6560	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	147	12	<1	<1	<1	2290	3650	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	265	20	2	<1	<1	564	607	mg/kg	1	A-T-055s
Aro >C35-C44 _A	24	1	<1	<1	<1	<20	<50	mg/kg	1	A-T-055s
Total Aromatics _A	488	38	2	<2	<2	8090	13400	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	657	71	12	<2	<2	11900	14500	mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	0.09	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	0.14	0.08	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	0.14	<0.05	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	mg/kg	0.01	A-T-022s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
% Stones >10mm _A	20.0							% w/w	0.1	A-T-044
pH _D ^{M#}	7.89							pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	<10							mg/l	10	A-T-026s
Cyanide (total) _A ^{M#}	<1							mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	0.5							mg/kg	0.2	A-T-050s
Fraction of organic carbon _D [#]	0.0024							N/A	0.0003	A-T-032s
Antimony _D	<5							mg/kg	5	A-T-024s
Arsenic _D ^{M#}	2							mg/kg	1	A-T-024s
Barium _D	41							mg/kg	1	A-T-024s
Beryllium _D	<0.5							mg/kg	0.5	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0							mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5							mg/kg	0.5	A-T-024s
Copper _D ^{M#}	11							mg/kg	1	A-T-024s
Chromium _D ^{M#}	13							mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1							mg/kg	1	A-T-040s
Chromium (trivalent)	13							mg/kg	1	Calc
Lead _D ^{M#}	54							mg/kg	1	A-T-024s
Mercury _D	<0.17							mg/kg	0.17	A-T-024s
Molybdenum _D ^{M#}	<1							mg/kg	1	A-T-024s
Nickel _D ^{M#}	13							mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1							mg/kg	1	A-T-024s
Vanadium _D ^{M#}	14							mg/kg	1	A-T-024s
Zinc _D ^{M#}	25							mg/kg	5	A-T-024s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
PAH-16MS										
Acenaphthene _A ^{M#}	46.4							mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	1.14							mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	14.8							mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	1.95							mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.31							mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.52							mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.06							mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.20							mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	1.97							mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04							mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	18.2							mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	29.7							mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.07							mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	27.5							mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	101							mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	13.6							mg/kg	0.07	A-T-019s
Total PAH-16MS _A	257							mg/kg	0.01	A-T-019s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14									
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
SVOC excluding PAH-16										
4-Bromophenyl phenyl ether _A	<2000							µg/kg	100	A-T-052s
Hexachlorobenzene _A	<2000							µg/kg	100	A-T-052s
Diethyl phthalate _A	<2000							µg/kg	100	A-T-052s
Dimethyl phthalate _A	<2000							µg/kg	100	A-T-052s
Dibenzofuran _A	20500							µg/kg	100	A-T-052s
Carbazole _A	2950							µg/kg	100	A-T-052s
Butylbenzyl phthalate _A	<2000							µg/kg	100	A-T-052s
Bis(2-ethylhexyl)phthalate _A	<10000							µg/kg	500	A-T-052s
Bis(2-chloroethoxy)methane _A	<2000							µg/kg	100	A-T-052s
Bis(2-chloroethyl)ether _A	<2000							µg/kg	100	A-T-052s
4-Nitrophenol _A	<2000							µg/kg	100	A-T-052s
3+4-Methylphenol _A	<2000							µg/kg	100	A-T-052s
4-Chloro-3-methylphenol _A	<2000							µg/kg	100	A-T-052s
2-Nitrophenol _A	<2000							µg/kg	100	A-T-052s
2-Methylphenol _A	<2000							µg/kg	100	A-T-052s
1,2,4-Trichlorobenzene _A	<2000							µg/kg	100	A-T-052s
2-Chlorophenol _A	<2000							µg/kg	100	A-T-052s
2,6-Dinitrotoluene _A	<2000							µg/kg	100	A-T-052s
2,4-Dinitrotoluene _A	<2000							µg/kg	100	A-T-052s
2,4-Dimethylphenol _A	<2000							µg/kg	100	A-T-052s
2,4-Dichlorophenol _A	<2000							µg/kg	100	A-T-052s
2,4,6-Trichlorophenol _A	<2000							µg/kg	100	A-T-052s
2,4,5-Trichlorophenol _A	<2000							µg/kg	100	A-T-052s
1,4-Dichlorobenzene _A	<2000							µg/kg	100	A-T-052s
1,3-Dichlorobenzene _A	<2000							µg/kg	100	A-T-052s
1,2-Dichlorobenzene _A	<2000							µg/kg	100	A-T-052s
2-Chloronaphthalene _A	<2000							µg/kg	100	A-T-052s
2-Methylnaphthalene _A	33300							µg/kg	100	A-T-052s
Bis(2-chloroisopropyl)ether _A	<2000							µg/kg	100	A-T-052s
Phenol _A	<2000							µg/kg	100	A-T-052s
Pentachlorophenol _A	<2000							µg/kg	100	A-T-052s
n-Nitroso-n-dipropylamine _A	<2000							µg/kg	100	A-T-052s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
n-Dioctylphthalate _A	<10000							µg/kg	500	A-T-052s
n-Dibutylphthalate _A	<2000							µg/kg	100	A-T-052s
Nitrobenzene _A	<2000							µg/kg	100	A-T-052s
Isophorone _A	<2000							µg/kg	100	A-T-052s
Hexachloroethane _A	<2000							µg/kg	100	A-T-052s
Hexachlorobutadiene _A	<2000							µg/kg	100	A-T-052s
Perylene _A	<2000							µg/kg	100	A-T-052s

Envirolab Job Number: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14									
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
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 [#]	7							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: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14									
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
								Units	Limit of Detection	Method ref
Chlorobenzene _A [#]	<1							µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1							µg/kg	1	A-T-006s
Ethylbenzene _A [#]	6							µg/kg	1	A-T-006s
m & p Xylene _A [#]	4							µg/kg	1	A-T-006s
o-Xylene _A [#]	4							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 [#]	12							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 [#]	11							µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1							µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	56							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 [#]	57							µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	2							µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	24							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 [#]	56							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: 23/10932

Client Project Name: Plots NT02-04

Client Project Ref: 4328

Lab Sample ID	23/10932/14									
Client Sample No										
Client Sample ID	RBH504									
Depth to Top	3.10									
Depth To Bottom										
Date Sampled	02-Nov-23									
Sample Type	SOIL - ES									
Sample Matrix Code	4A									
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#}	2							mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	4							mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	4							mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	9							mg/kg	1	A-T-055s
Ali >C35-C44 _A	<1							mg/kg	1	A-T-055s
Total Aliphatics _A	19							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	3							mg/kg	1	A-T-055s
Aro >C10-C12 _A	58							mg/kg	1	A-T-055s
Aro >C12-C16 _A	227							mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	152							mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	25							mg/kg	1	A-T-055s
Aro >C35-C44 _A	<1							mg/kg	1	A-T-055s
Total Aromatics _A	465							mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C44) _A	484							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 [#]	0.02							mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	0.02							mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	0.02							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 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 NT02-04

Clients Project No: 4328

Project No: 23/10932

Date Received: 06/11/2023 (am)

Cool Box Temperatures (°C): 12.4 & 13.3

Lab Sample ID	23/10932/2	23/10932/4
Client Sample No		
Client Sample ID/Depth	RBH505 2.10m	RBH503 1.20m
Date Sampled	31/10/23	31/10/23
Deviation Code		
F	✓	✓

Key

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

HOLDING TIME EXCEEDANCES

Lab Sample ID	23/10932/2	23/10932/4
Client Sample No		
Client Sample ID/Depth	RBH505 2.10m	RBH503 1.20m
Date Sampled	31/10/23	31/10/23
VOC	✓	✓

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	23/10932/2	23/10932/4	23/10932/7	23/10932/9	23/10932/10	23/10932/12	23/10932/13	23/10932/14
Client Sample No								
Client Sample ID/Depth	RBH505 2.10m	RBH503 1.20m	RBH503 4.00m	RBH501 0.80m	RBH501 2.00m	RBH504 1.50m	RBH504 1.90m	RBH504 3.10m
Date Sampled	31/10/23	31/10/23	31/10/23	01/11/23	01/11/23	02/11/23	02/11/23	02/11/23
A-T-006s	20/11/2023	20/11/2023	16/11/2023	20/11/2023	20/11/2023	20/11/2023	16/11/2023	16/11/2023
A-T-019s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	16/11/2023	14/11/2023
A-T-022s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	17/11/2023	17/11/2023	14/11/2023
A-T-024s	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023
A-T-026s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-027s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-031s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-032s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-040s	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-042sTCN	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023
A-T-044	16/11/2023	16/11/2023	16/11/2023	16/11/2023	16/11/2023	16/11/2023	16/11/2023	16/11/2023
A-T-045		09/11/2023		09/11/2023		09/11/2023	09/11/2023	
A-T-050s	13/11/2023	13/11/2023	13/11/2023	13/11/2023	13/11/2023	13/11/2023	14/11/2023	14/11/2023
A-T-052s	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	16/11/2023	16/11/2023	16/11/2023
A-T-055s	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023	10/11/2023
Calc	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023	15/11/2023
Calc-As Recd	14/11/2023	14/11/2023	14/11/2023	14/11/2023	14/11/2023	17/11/2023	17/11/2023	14/11/2023

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: 23/10955
Issue Number: 1

Date: 17 November, 2023

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

Project Manager: Reece McGuinness
Project Name: Plots N702-04
Project Ref: 4328
Order No: 1920
Date Samples Received: 06/11/23
Date Instructions Received: 06/11/23
Date Analysis Completed: 17/11/23

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
pH (w) _A [#]	7.61							pH	0.01	A-T-031w
Dissolved Oxygen _A	11							mg/l	0.5	A-T-048
COD (settled) _A [#]	75							mg/l	5	A-T-034w
BOD (settled, 5 day) _A	3							mg/l	1	A-T-048
Sulphate (w) _A [#]	103							mg/l	1	A-T-026w
Phenols - Total by HPLC (w) _A	<0.10							mg/l	0.01	A-T-050w
DOC - Dissolved Organic Carbon (w) _A [#]	18.3							mg/l	2	A-T-032w
Arsenic (dissolved) _A [#]	49							µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	7.1							µg/l	0.2	A-T-025w
Calcium (dissolved) _A [#]	33							mg/l	1	A-T-049w
Copper (dissolved) _A	562							µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	21							µg/l	1	A-T-025w
Lead (dissolved) _A [#]	607							µg/l	1	A-T-025w
Mercury (dissolved) _A [#]	<0.5							µg/l	0.1	A-T-025w
Nickel (dissolved) _A [#]	102							µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	20							µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	1253							µg/l	2	A-T-025w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
PAH 16MS (w)										
Acenaphthene (w) _A [#]	0.06							µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	0.01							µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	0.05							µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	0.22							µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	0.23							µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	0.29							µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	0.15							µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	0.13							µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	0.24							µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01							µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	0.42							µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	0.05							µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	0.15							µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	0.13							µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	0.26							µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	0.40							µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	2.79							µg/l	0.01	A-T-019w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1									
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
SVOC (excluding PAH-16) (w)										
1,2,4-Trichlorobenzene _A	<1							µg/l	1	A-T-052w
1,2-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
1,3-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
1,4-Dichlorobenzene _A	<1							µg/l	1	A-T-052w
2,4,5-Trichlorophenol _A	<1							µg/l	1	A-T-052w
2,4,6-Trichlorophenol _A	<1							µg/l	1	A-T-052w
2,4-Dichlorophenol _A	<1							µg/l	1	A-T-052w
2,4-Dimethylphenol _A	<1							µg/l	1	A-T-052w
2,4-Dinitrotoluene _A	<1							µg/l	1	A-T-052w
2,6-Dinitrotoluene _A	<1							µg/l	1	A-T-052w
2-Chloronaphthalene _A	<1							µg/l	1	A-T-052w
2-Chlorophenol _A	<1							µg/l	1	A-T-052w
2-Methylnaphthalene _A	<1							µg/l	1	A-T-052w
2-Methylphenol _A	<1							µg/l	1	A-T-052w
2-Nitrophenol _A	<1							µg/l	1	A-T-052w
4-Bromophenyl phenyl ether _A	<1							µg/l	1	A-T-052w
4-Chloro-3-methylphenol _A	<1							µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether _A	<1							µg/l	1	A-T-052w
3+4-Methylphenol _A	1							µg/l	1	A-T-052w
4-Nitrophenol _A	<1							µg/l	1	A-T-052w
Bis(2-chloroethyl)ether _A	<1							µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane _A	<1							µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate _A	<10							µg/l	10	A-T-052w
Butylbenzyl phthalate _A	<1							µg/l	1	A-T-052w
Carbazole _A	<1							µg/l	1	A-T-052w
Dibenzofuran _A	<1							µg/l	1	A-T-052w
n-Dibutylphthalate _A	14							µg/l	1	A-T-052w
n-Dioctylphthalate _A	<10							µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine _A	<1							µg/l	1	A-T-052w
Diethyl phthalate _A	2							µg/l	1	A-T-052w
Dimethyl phthalate _A	<1							µg/l	1	A-T-052w
Hexachlorobutadiene _A	<1							µg/l	1	A-T-052w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1							Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
Hexachlorobenzene SVOC _A	<1							µg/l	1	A-T-052w
Pentachlorophenol SVOC _A	<1							µg/l	1	A-T-052w
Phenol _A	<1							µg/l	1	A-T-052w
Hexachloroethane _A	<1							µg/l	1	A-T-052w
Nitrobenzene _A	<1							µg/l	1	A-T-052w
Isophorone _A	<1							µg/l	1	A-T-052w
Perylene _A	<1							µg/l	1	A-T-052w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1									
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
VOC (w)										
Dichlorodifluoromethane _A	<1							µg/l	1	A-T-006w
Chloromethane _A	<10							µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1							µg/l	1	A-T-006w
Bromomethane _A [#]	<1							µg/l	1	A-T-006w
Chloroethane _A [#]	<1							µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1							µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Dichloromethane _A	<5							µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1							µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5							µg/l	5	A-T-006w
Chloroform _A [#]	<1							µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2							µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
Benzene _A [#]	<1							µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1							µg/l	1	A-T-006w
Dibromomethane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10							µg/l	10	A-T-006w
Trichloroethene _A [#]	<1							µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
Toluene _A [#]	<1							µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3							µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1							µg/l	1	A-T-006w
Tetrachloroethene _A	<1							µg/l	1	A-T-006w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1									
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
								Units	Limit of Detection	Method ref
1,1,1,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1							µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1							µg/l	1	A-T-006w
m & p Xylene _A [#]	<1							µg/l	1	A-T-006w
Bromoform _A [#]	<1							µg/l	1	A-T-006w
Styrene _A [#]	<1							µg/l	1	A-T-006w
1,1,1,2,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
o-Xylene _A [#]	<1							µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1							µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1							µg/l	1	A-T-006w
Bromobenzene _A [#]	<1							µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1							µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1							µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2							µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2							µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 23/10955

Client Project Name: Plots N702-04

Client Project Ref: 4328

Lab Sample ID	23/10955/1									
Client Sample No										
Client Sample ID	RBH403									
Depth to Top	15.50									
Depth To Bottom										
Date Sampled	06-Nov-23									
Sample Type	WATER - EW									
Sample Matrix Code	N/A									
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5							µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5							µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	6							µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	7							µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	24							µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	38							µg/l	5	A-T-055w
Aro >C21-C35 (w) _A	<10							µg/l	10	A-T-055w
Total Aromatics (w) _A	75							µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	75							µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
MTBE (w) _A [#]	<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.