

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 24/01685
Issue Number: 1

Date: 28 February, 2024

Client: Wardell Armstrong (Bolton)
41-50 Futura Park
Aspinall Way
Middlebrook
Bolton
Lancashire
UK
BL6 6SU

Project Manager: George Huck
Project Name: Pilsworth
Project Ref: GM13005
Order No: GM5590
Date Samples Received: 14/02/24
Date Instructions Received: 20/02/24
Date Analysis Completed: 28/02/24

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
% Moisture at <40C _A	16.6	19.2	20.6	11.0	8.7	9.9	8.1	% w/w	0.1	A-T-044
% Stones >10mm _A	<0.1	37.7	8.3	<0.1	8.2	7.3	17.6	% w/w	0.1	A-T-044
pH _D ^{M#}	7.97	8.51	9.26	8.17	8.49	8.24	7.93	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	1.60	1.01	1.50	1.53	0.09	0.70	0.98	g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	21000	10000	4800	8000	290	2400	2300	mg/kg	200	A-T-028s
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	<0.2	<0.2	mg/kg	0.2	A-T-050s
Sulphide _A	<5	<5	<5	<5	<250	<5	<5	mg/kg	5	A-T-043-s
Organic Matter _D ^{M#}	3.0	1.8	1.8	2.3	0.8	0.3	0.4	% w/w	0.1	A-T-032s
Arsenic _D ^{M#}	5	4	3	4	<1	2	<1	mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	2.1	2.4	3.9	1.5	<1.0	1.0	<1.0	mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5	<0.5	<0.5	0.6	<0.5	1.9	<0.5	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	85	29	13	47	6	6	9	mg/kg	1	A-T-024s
Chromium _D ^{M#}	27	14	10	36	6	6	7	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	67	61	36	93	6	35	13	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	15	10	6	20	6	6	7	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	207	97	50	147	25	23	32	mg/kg	5	A-T-024s
TPH total (>C6-C40) with CLEANUP _A	135	37	80	89	<10	<10	<10	mg/kg	10	A-T-007s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	Chrysotile & Amosite	NAD	NAD	Chrysotile	NAD	NAD	NAD			A-T-045
Asbestos Matrix (visual) ₀	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) ₀	Loose Fibres	-	-	Loose Fibres	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? ₀	N/A	N/A	N/A	N/A	N/A	N/A	N/A			A-T-045
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing) ₀	0.002	-	-	<0.001	-	-	-	% w/w	0.001	A-T-054

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
PAH-16MS										
Acenaphthene _A ^{M#}	0.16	0.76	0.06	0.07	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.02	0.02	0.01	0.02	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.23	0.83	0.09	0.13	<0.02	<0.02	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.82	0.72	0.36	0.65	<0.04	0.07	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.67	0.45	0.33	0.61	<0.04	0.05	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.83	0.52	0.42	0.75	<0.05	0.08	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.36	0.19	0.20	0.33	<0.05	<0.05	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.30	0.21	0.14	0.27	<0.07	<0.07	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.82	0.72	0.38	0.69	<0.06	0.08	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	0.08	0.05	<0.04	0.08	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	1.69	1.80	0.61	1.15	<0.08	0.14	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	0.12	0.66	0.03	0.04	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.40	0.22	0.21	0.34	<0.03	0.03	<0.03	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	0.19	0.87	<0.03	0.04	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	1.00	2.80	0.37	0.56	<0.03	0.06	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	1.44	1.47	0.55	1.07	<0.07	0.11	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A	9.13	12.3	3.76	6.80	<0.08	0.62	<0.08	mg/kg	0.01	A-T-019s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
Speciated PCB-EC7 & WHO12										
PCB BZ 28 _A ^{M#}	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	mg/kg	0.003	A-T-004s
PCB BZ 52 _A ^{M#}	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	mg/kg	0.002	A-T-004s
PCB BZ 81 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 101 _A ^{M#}	<0.004	<0.004	<0.004	<0.004	<0.004	0.009	<0.004	mg/kg	0.004	A-T-004s
PCB BZ 105 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 114 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 118 _A ^{M#}	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	mg/kg	0.007	A-T-004s
PCB BZ 123 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 126 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 138 _A ^{M#}	<0.006	<0.006	<0.006	<0.006	<0.006	0.017	<0.006	mg/kg	0.006	A-T-004s
PCB BZ 153 _A ^{M#}	<0.004	<0.004	<0.004	<0.004	<0.004	0.028	<0.004	mg/kg	0.004	A-T-004s
PCB BZ 156 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 157 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 167 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 169 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 180 _A ^{M#}	<0.004	<0.004	<0.004	<0.004	<0.004	0.028	<0.004	mg/kg	0.004	A-T-004s
PCB BZ 189 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
PCB BZ 77 _A ^{M#}	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	<0.005 ^U	mg/kg	0.005	A-T-004s
Total Speciated PCB-EC7 & WHO12 _A ^{M#}	<0.007	<0.007	<0.007	<0.007	<0.007	0.082	<0.007	mg/kg	0.003	A-T-004s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
VOC+TICs										
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	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromomethane _A [#]	<1	<1	<1	<1	<1	<1	<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	<1	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	<1	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	<1	<1	<1	<1	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: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
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	<1	<1	µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
Bromoform _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/kg	3	A-T-006s
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	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	<1	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	<1	<1	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	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	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	<1	<1	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
VOC TICs _A	Unidentifiable peak(s)	None detected	None detected	None detected	None detected	None detected	None detected			A-T-006s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	Units	Limit of Detection	Method ref
Client Sample No	2	2	3	3	2	1	2			
Client Sample ID	TP1	TP2	TP3	TP4	TP6	TP7	TP7			
Depth to Top	0.50	0.25	0.75	0.80	0.50	0.20	0.50			
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24	13-Feb-24			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	3A	4AB	4A	4AB	1A	1A	1A			
TPH CWG with Clean Up + GC Trace										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	<1	<1	1	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	7	3	3	3	<1	<1	<1	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	91	25	223	48	2	104	4	mg/kg	1	A-T-055s
Total Aliphatics _A	101	29	226	53	2	104	4	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	3	<1	<1	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	5	20	1	3	<1	<1	<1	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	20	59	12	21	<1	3	<1	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	49	97	51	31	<1	6	<1	mg/kg	1	A-T-055s
Total Aromatics _A	74	179	64	56	<1	9	<1	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	175	208	290	109	2	113	5	mg/kg	1	Calc-As Recd
EPH CWG GCxGC FID Chromatogram _A	Appended	Appended	Appended	Appended	N/A	Appended	N/A			A-T-055s
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-022s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
% Moisture at <40C _A	4.8	19.1						% w/w	0.1	A-T-044
% Stones >10mm _A	<0.1	12.1						% w/w	0.1	A-T-044
pH _D ^{M#}	7.28	8.31						pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	0.02	1.48						g/l	0.01	A-T-026s
Sulphate (acid soluble) _D ^{M#}	<200	18000						mg/kg	200	A-T-028s
Cyanide (total) _A ^{M#}	<1	<1						mg/kg	1	A-T-042sTCN
Phenols - Total by HPLC _A	<0.2	<0.2						mg/kg	0.2	A-T-050s
Sulphide _A	<100	<5						mg/kg	5	A-T-043-s
Organic Matter _D ^{M#}	1.9	4.0						% w/w	0.1	A-T-032s
Arsenic _D ^{M#}	3	6						mg/kg	1	A-T-024s
Boron (water soluble) _D ^{M#}	<1.0	3.7						mg/kg	1	A-T-027s
Cadmium _D ^{M#}	<0.5	0.5						mg/kg	0.5	A-T-024s
Copper _D ^{M#}	9	41						mg/kg	1	A-T-024s
Chromium _D ^{M#}	6	19						mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1						mg/kg	1	A-T-040s
Lead _D ^{M#}	6	101						mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17						mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	8	14						mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1						mg/kg	1	A-T-024s
Zinc _D ^{M#}	26	162						mg/kg	5	A-T-024s
TPH total (>C6-C40) with CLEANUP _A	<10	84						mg/kg	10	A-T-007s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
Asbestos in Soil (inc. matrix)										
Asbestos in soil [#]	NAD	NAD								A-T-045
Asbestos Matrix (visual) _D	-	-								A-T-045
Asbestos Matrix (microscope) _D	-	-								A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A								A-T-045

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	0.02						mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01						mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	0.02						mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	0.10						mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	0.09						mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	0.12						mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	<0.05						mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	<0.07						mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	0.12						mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A	<0.04	<0.04						mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	0.20						mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	0.01						mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	0.05						mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	<0.03						mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03	0.13						mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	0.17						mg/kg	0.07	A-T-019s
Total PAH-16MS _A	<0.08	1.03						mg/kg	0.01	A-T-019s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
Speciated PCB-EC7 & WHO12										
PCB BZ 28 _A ^{M#}	<0.003	<0.003						mg/kg	0.003	A-T-004s
PCB BZ 52 _A ^{M#}	<0.002	<0.002						mg/kg	0.002	A-T-004s
PCB BZ 81 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 101 _A ^{M#}	<0.004	<0.004						mg/kg	0.004	A-T-004s
PCB BZ 105 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 114 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 118 _A ^{M#}	<0.007	<0.007						mg/kg	0.007	A-T-004s
PCB BZ 123 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 126 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 138 _A ^{M#}	<0.006	<0.006						mg/kg	0.006	A-T-004s
PCB BZ 153 _A ^{M#}	<0.004	<0.004						mg/kg	0.004	A-T-004s
PCB BZ 156 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 157 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 167 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 169 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 180 _A ^{M#}	<0.004	<0.004						mg/kg	0.004	A-T-004s
PCB BZ 189 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
PCB BZ 77 _A ^{M#}	<0.005 ^U	<0.005 ^U						mg/kg	0.005	A-T-004s
Total Speciated PCB-EC7 & WHO12 _A ^{M#}	<0.007	<0.007						mg/kg	0.003	A-T-004s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26								
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
VOC+TICs										
Dichlorodifluoromethane _A	<1	<1						µg/kg	1	A-T-006s
Chloromethane _A	<10	<10						µg/kg	10	A-T-006s
Vinyl Chloride (Chloroethene) _A [#]	<1	<1						µg/kg	1	A-T-006s
Bromomethane _A [#]	<1	<1						µg/kg	1	A-T-006s
Chloroethane _A [#]	<1	<1						µg/kg	1	A-T-006s
Trichlorofluoromethane _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1-Dichloroethene _A [#]	<1	<1						µg/kg	1	A-T-006s
Carbon Disulphide _A [#]	<1	1						µg/kg	1	A-T-006s
Dichloromethane _A	<5	<5						µg/kg	5	A-T-006s
trans 1,2-Dichloroethene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1-Dichloroethane _A [#]	<1	<1						µg/kg	1	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1	<1						µg/kg	1	A-T-006s
2,2-Dichloropropane _A [#]	<1	<1						µg/kg	1	A-T-006s
Bromochloromethane _A [#]	<5	<5						µg/kg	5	A-T-006s
Chloroform _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1-Dichloropropene _A [#]	<1	<1						µg/kg	1	A-T-006s
Carbon Tetrachloride _A [#]	<1	<1						µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2	<2						µg/kg	2	A-T-006s
Benzene _A [#]	<1	<1						µg/kg	1	A-T-006s
Trichloroethene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,2-Dichloropropane _A [#]	<1	<1						µg/kg	1	A-T-006s
Dibromomethane _A [#]	<1	<1						µg/kg	1	A-T-006s
Bromodichloromethane _A [#]	<10	<10						µg/kg	10	A-T-006s
cis 1,3-Dichloropropene _A [#]	<1	<1						µg/kg	1	A-T-006s
Toluene _A [#]	<1	<1						µg/kg	1	A-T-006s
trans 1,3-Dichloropropene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1,2-Trichloroethane _A [#]	<1	<1						µg/kg	1	A-T-006s
1,3-Dichloropropane _A [#]	<1	<1						µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1	<1						µg/kg	1	A-T-006s
Dibromochloromethane _A [#]	<3	<3						µg/kg	3	A-T-006s
1,2-Dibromoethane _A [#]	<1	<1						µg/kg	1	A-T-006s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
Chlorobenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1,1,2-Tetrachloroethane _A	<1	<1						µg/kg	1	A-T-006s
Ethylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
m & p Xylene _A [#]	<1	<1						µg/kg	1	A-T-006s
o-Xylene _A [#]	<1	<1						µg/kg	1	A-T-006s
Styrene _A [#]	<1	<1						µg/kg	1	A-T-006s
Bromoform _A [#]	<3	<3						µg/kg	3	A-T-006s
Isopropylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,1,2,2-Tetrachloroethane _A	<1	<1						µg/kg	1	A-T-006s
1,2,3-Trichloropropane _A [#]	<1	<1						µg/kg	1	A-T-006s
Bromobenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
n-Propylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
2-Chlorotoluene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,3,5-Trimethylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
4-Chlorotoluene _A [#]	<1	<1						µg/kg	1	A-T-006s
tert-Butylbenzene _A [#]	<2	<2						µg/kg	2	A-T-006s
1,2,4-Trimethylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
sec-Butylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
4-Isopropyltoluene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,3-Dichlorobenzene _A	<1	<1						µg/kg	1	A-T-006s
1,4-Dichlorobenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
n-Butylbenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,2-Dichlorobenzene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,2-Dibromo-3-chloropropane (DCBP) _A	<2	<2						µg/kg	2	A-T-006s
1,2,4-Trichlorobenzene _A	<3	<3						µg/kg	3	A-T-006s
Hexachlorobutadiene _A [#]	<1	<1						µg/kg	1	A-T-006s
1,2,3-Trichlorobenzene _A	<3	<3						µg/kg	3	A-T-006s
VOC TICs _A	None detected	None detected								A-T-006s

Envirolab Job Number: 24/01685

Client Project Name: Pilsworth

Client Project Ref: GM13005

Lab Sample ID	24/01685/23	24/01685/26						Units	Limit of Detection	Method ref
Client Sample No	3	2								
Client Sample ID	TP7	TP8								
Depth to Top	1.00	0.50								
Depth To Bottom										
Date Sampled	13-Feb-24	13-Feb-24								
Sample Type	SOIL - ES	SOIL - ES								
Sample Matrix Code	1	3A								
TPH CWG with Clean Up + GC Trace										
Ali >C5-C6 _A	<0.01	<0.01						mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01						mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1						mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1						mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	<1						mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	<1	4						mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	<1	84						mg/kg	1	A-T-055s
Total Aliphatics _A	<1	88						mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<1						mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	<1						mg/kg	1	A-T-055s
Aro >C12-C16 _A	<1	1						mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	<1	9						mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	<1	16						mg/kg	1	A-T-055s
Total Aromatics _A	<1	26						mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	<1	114						mg/kg	1	Calc-As Recd
EPH CWG GCxGC FID Chromatogram _A	N/A	Appended								A-T-055s
BTEX - Benzene _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01						mg/kg	0.01	A-T-022s
MTBE _A [#]	<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 **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
 Analytical results reflect the quality of the sample at the time of analysis only.
 Opinions and Interpretations expressed are outside our scope of accreditation.
 The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client.
 A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.

Key

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

Asbestos

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

Assigned Matrix Codes

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

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

Soil Chemical Analysis:

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

TPH by method A-T-007:

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

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

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

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

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

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

Envirolab Deviating Samples Report

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

Client: Wardell Armstrong (Bolton), 41-50 Futura Park, Aspinall Way, Middlebrook,
Bolton, Lancashire, UK, BL6 6SU

Project No: 24/01685

Date Received: 20/02/2024 (am)

Project: Pilsworth
Clients Project No: GM13005

Cool Box Temperatures (°C): 15.2 - 15.7

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	24/01685/23	24/01685/26
Client Sample No	2	2	3	3	2	1	2	3	2
Client Sample ID/Depth	TP1 0.50m	TP2 0.25m	TP3 0.75m	TP4 0.80m	TP6 0.50m	TP7 0.20m	TP7 0.50m	TP7 1.00m	TP8 0.50m
Date Sampled	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24
Deviation Code									
F	✓	✓	✓	✓	✓	✓	✓	✓	✓

Key

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

HOLDING TIME EXCEEDANCES

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	24/01685/23	24/01685/26
Client Sample No	2	2	3	3	2	1	2	3	2
Client Sample ID/Depth	TP1 0.50m	TP2 0.25m	TP3 0.75m	TP4 0.80m	TP6 0.50m	TP7 0.20m	TP7 0.50m	TP7 1.00m	TP8 0.50m
Date Sampled	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24
Sulphide	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

Envirolab Analysis Dates

Lab Sample ID	24/01685/2	24/01685/6	24/01685/11	24/01685/15	24/01685/18	24/01685/21	24/01685/22	24/01685/23	24/01685/26
Client Sample No	2	2	3	3	2	1	2	3	2
Client Sample ID/Depth	TP1 0.50m	TP2 0.25m	TP3 0.75m	TP4 0.80m	TP6 0.50m	TP7 0.20m	TP7 0.50m	TP7 1.00m	TP8 0.50m
Date Sampled	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24	13/02/24
A-T-004s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-006s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-007s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-019s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-022s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-024s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-026s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-027s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-028s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-031s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-032s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-040s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-042sTCN	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
A-T-043-s	27/02/2024	27/02/2024	27/02/2024	27/02/2024	28/02/2024	28/02/2024	27/02/2024	28/02/2024	28/02/2024
A-T-044	26/02/2024	26/02/2024	26/02/2024	26/02/2024	26/02/2024	26/02/2024	26/02/2024	26/02/2024	26/02/2024
A-T-045	21/02/2024	21/02/2024	21/02/2024	21/02/2024	21/02/2024	21/02/2024	21/02/2024	21/02/2024	21/02/2024
A-T-050s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
A-T-054	24/02/2024			24/02/2024					
A-T-055s	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024	28/02/2024
Calc-As Recd	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024

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

End of Report