

Appendix I



Certificate of Analysis

Certificate Number 22-19221

Issued: 04-Oct-22

Client Earth Science Partnership
33 Cardiff Road
Taffs Well
Cardiff
CF15 7RB

Our Reference 22-19221

Client Reference (not supplied)

Order No 10983

Contract Title Ty Marw, Pontardawe

Description 4 Soil samples, 4 Leachate samples.

Date Received 27-Sep-22

Date Started 27-Sep-22

Date Completed 04-Oct-22

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Kirk Bridgwood
General Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 22-19221

Client Ref

Contract Title Ty Marw, Pontardawe

Lab No	2064121	2064122	2064123	2064124
Sample ID	TP1	TP2	TP2	TP3
Depth	0.70	1.40	2.50	0.40
Other ID				
Sample Type	SOIL	SOIL	SOIL	SOIL
Sampling Date	22/09/2022	22/09/2022	22/09/2022	22/09/2022
Sampling Time	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Metals							
Arsenic	DETSC 2301#	0.2	mg/kg	42	28	24	15
Barium	DETSC 2301#	1.5	mg/kg	400	920	510	62
Beryllium	DETSC 2301#	0.2	mg/kg	0.7	2.1	1.5	0.4
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.2	0.5	0.6	< 0.2
Cadmium	DETSC 2301#	0.1	mg/kg	1.0	0.5	1.0	0.4
Chromium	DETSC 2301#	0.15	mg/kg	43	14	19	14
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	77	150	83	28
Lead	DETSC 2301#	0.3	mg/kg	120	110	42	41
Mercury	DETSC 2325#	0.05	mg/kg	0.07	0.05	< 0.05	0.05
Nickel	DETSC 2301#	1	mg/kg	30	48	53	20
Selenium	DETSC 2301#	0.5	mg/kg	2.6	0.8	0.9	0.9
Vanadium	DETSC 2301#	0.8	mg/kg	81	52	51	28
Zinc	DETSC 2301#	1	mg/kg	270	410	370	88
Inorganics							
pH	DETSC 2008#		pH	7.7	8.7	7.9	7.8
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.1	< 0.1	< 0.1	< 0.1
Organic matter	DETSC 2002#	0.1	%	7.8	16	9.2	2.9
PAHs							
Acenaphthene	DETSC 3303#	0.03	mg/kg	0.04	< 0.03	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03
Anthracene	DETSC 3303	0.03	mg/kg	0.07	< 0.03	< 0.03	< 0.03
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	0.16	< 0.03	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.15	< 0.03	< 0.03	< 0.03
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.27	0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	0.07	0.04	< 0.03	< 0.03
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	0.11	0.03	< 0.03	< 0.03
Chrysene	DETSC 3303	0.03	mg/kg	0.37	0.06	< 0.03	0.04
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	0.06	< 0.03	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.71	0.03	< 0.03	0.06
Fluorene	DETSC 3303	0.03	mg/kg	0.03	< 0.03	< 0.03	< 0.03
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	0.10	0.03	< 0.03	< 0.03
Naphthalene	DETSC 3303#	0.03	mg/kg	0.12	0.03	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.49	0.06	< 0.03	0.05
Pyrene	DETSC 3303#	0.03	mg/kg	0.53	< 0.03	< 0.03	0.04
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	3.2	0.16	< 0.10	0.19
Phenols							
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	0.3	< 0.3

Summary of Chemical Analysis

Leachate Samples

Our Ref 22-19221

Client Ref

Contract Title Ty Marw, Pontardawe

Lab No	2064125	2064126	2064127	2064128
Sample ID	TP1	TP2	TP2	TP3
Depth	0.70	1.40	2.50	0.40
Other ID				
Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Sampling Date	22/09/2022	22/09/2022	22/09/2022	22/09/2022
Sampling Time	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Preparation							
BS EN 12457 10:1	DETSC 1009*			Y	Y	Y	Y
Metals							
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	1.8	2.7	1.5	0.36
Barium, Dissolved	DETSC 2306	0.26	ug/l	12	25	28	2.9
Beryllium, Dissolved	DETSC 2306*	0.1	ug/l	< 0.1	< 0.1	< 0.1	< 0.1
Boron, Dissolved	DETSC 2306*	12	ug/l	< 12	< 12	< 12	< 12
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	< 0.25	< 0.25	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	4.7	2.6	1.4	1.1
Iron, Dissolved	DETSC 2306	5.5	ug/l	180	110	58	230
Lead, Dissolved	DETSC 2306	0.09	ug/l	2.2	2.3	1.0	0.44
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	< 0.5	< 0.5	< 0.5	< 0.5
Selenium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	0.26	< 0.25	< 0.25
Vanadium, Dissolved	DETSC 2306	0.6	ug/l	1.1	1.5	1.1	< 0.6
Zinc, Dissolved	DETSC 2306	1.3	ug/l	6.3	9.9	6.4	< 1.3
Inorganics							
pH	DETSC 2008		pH	8.5	8.0	7.8	7.6
Cyanide, Total	DETSC 2130	40	ug/l	< 40	< 40	< 40	< 40
Phenol - Monohydric	DETSC 2131	1.5	ug/l	< 1.5	< 1.5	< 1.5	< 1.5
PAHs							
Acenaphthene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	DETSC 3304	0.01	ug/l	0.02	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	DETSC 3304*	0.01	ug/l	0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.02	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	0.02	< 0.01	< 0.01	< 0.01
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	0.01	< 0.01	< 0.01	< 0.01
Chrysene	DETSC 3304	0.01	ug/l	0.03	< 0.01	< 0.01	< 0.01
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	DETSC 3304	0.01	ug/l	0.05	< 0.01	< 0.01	< 0.01
Fluorene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	DETSC 3304	0.05	ug/l	0.07	< 0.05	< 0.05	0.07
Phenanthrene	DETSC 3304	0.01	ug/l	0.07	0.01	< 0.01	0.01
Pyrene	DETSC 3304	0.01	ug/l	0.03	< 0.01	< 0.01	< 0.01
PAH Total	DETSC 3304	0.2	ug/l	0.34	< 0.20	< 0.20	< 0.20

Summary of Asbestos Analysis Soil Samples

Our Ref 22-19221

Client Ref

Contract Title Ty Marw, Pontardawe

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
2064121	TP1 0.70	SOIL	NAD	none	Ben Rose
2064122	TP2 1.40	SOIL	NAD	none	Ben Rose
2064123	TP2 2.50	SOIL	NAD	none	Ben Rose
2064124	TP3 0.40	SOIL	NAD	none	Ben Rose

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * - not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 22-19221
 Client Ref
 Contract Ty Marw, Pontardawe

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2064121	TP1 0.70 SOIL	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064122	TP2 1.40 SOIL	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064123	TP2 2.50 SOIL	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064124	TP3 0.40 SOIL	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064125	TP1 0.70 LEACHATE	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064126	TP2 1.40 LEACHATE	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064127	TP2 2.50 LEACHATE	22/09/22	GJ 250ml, GJ 60ml, PT 1L		
2064128	TP3 0.40 LEACHATE	22/09/22	GJ 250ml, GJ 60ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



Certificate of Analysis

Certificate Number 22-25799

Issued: 22-Dec-22

Client Earth Science Partnership
33 Cardiff Road
Taffs Well
Cardiff
CF15 7RB

Our Reference 22-25799

Client Reference 8293.02

Order No 11154

Contract Title Ty Mawr, Potardawe

Description 7 Soil samples, 4 Leachate samples.

Date Received 13-Dec-22

Date Started 13-Dec-22

Date Completed 22-Dec-22

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Kirk Bridgewood
General Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 22-25799

Client Ref 8293.02

Contract Title Ty Mawr, Potardawe

Lab No	2098225	2098226	2098227	2098228	2098229	2098230	2098231
Sample ID	WS201	WS201	WS202	WS203	WS201	WS202	WS203
Depth	0.60	1.50	0.50	0.40	1.20	1.00	1.10
Other ID							
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units							
Metals										
Arsenic	DETSC 2301#	0.2	mg/kg	21	18	14	43			
Barium	DETSC 2301#	1.5	mg/kg	360	210	420	360			
Beryllium	DETSC 2301#	0.2	mg/kg	1.3	0.9	0.8	1.3			
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.5	0.4	0.5	0.3			
Cadmium	DETSC 2301#	0.1	mg/kg	1.2	0.5	0.3	0.4			
Chromium	DETSC 2301#	0.15	mg/kg	39	34	130	23			
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0			
Copper	DETSC 2301#	0.2	mg/kg	120	71	64	320			
Lead	DETSC 2301#	0.3	mg/kg	130	87	19	86			
Mercury	DETSC 2325#	0.05	mg/kg	0.09	0.08	< 0.05	0.15			
Nickel	DETSC 2301#	1	mg/kg	47	35	30	54			
Selenium	DETSC 2301#	0.5	mg/kg	1.5	1.7	5.1	1.4			
Vanadium	DETSC 2301#	0.8	mg/kg	180	300	2100	46			
Zinc	DETSC 2301#	1	mg/kg	260	210	120	130			
Inorganics										
pH	DETSC 2008#		pH	10.4	9.0	11.3	7.5	8.9	8.2	8.1
Cyanide, Total	DETSC 2130#	0.1	mg/kg	1.3	0.2	0.1	0.1			
Organic matter	DETSC 2002#	0.1	%	8.0	4.9	6.6	6.0			
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	67		200		58	160	94
Sulphur as S, Total	DETSC 2320	0.01	%	0.10		0.12		0.13	0.14	0.14
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.19		0.35		0.22	0.13	0.16
PAHs										
Acenaphthene	DETSC 3303#	0.03	mg/kg	0.33	< 0.03	< 0.03	< 0.03			
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03			
Anthracene	DETSC 3303	0.03	mg/kg	0.41	0.15	< 0.03	< 0.03			
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	1.4	0.55	< 0.03	< 0.03			
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.74	0.42	< 0.03	< 0.03			
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	1.3	0.78	< 0.03	< 0.03			
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	0.32	0.18	< 0.03	< 0.03			
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	0.36	0.27	< 0.03	< 0.03			
Chrysene	DETSC 3303	0.03	mg/kg	1.6	0.74	< 0.03	< 0.03			
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03			
Fluoranthene	DETSC 3303#	0.03	mg/kg	4.1	1.3	< 0.03	< 0.03			
Fluorene	DETSC 3303	0.03	mg/kg	0.23	< 0.03	< 0.03	< 0.03			
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	0.32	0.20	< 0.03	< 0.03			
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03			
Phenanthrene	DETSC 3303#	0.03	mg/kg	2.7	0.80	< 0.03	0.12			
Pyrene	DETSC 3303#	0.03	mg/kg	3.0	0.97	< 0.03	< 0.03			
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	17	6.3	< 0.10	0.12			
Phenols										
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3			

Summary of Chemical Analysis

Leachate Samples

Our Ref 22-25799

Client Ref 8293.02

Contract Title Ty Mawr, Potardawe

Lab No	2098232	2098233	2098234	2098235
Sample ID	WS201	WS201	WS202	WS203
Depth	0.60	1.50	0.50	0.40
Other ID				
Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Sampling Date	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Sampling Time	n/s	n/s	n/s	n/s

Test	Method	LOD	Units				
Preparation							
BS EN 12457 10:1	DETSC 1009*			Y	Y	Y	Y
Metals							
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	2.5	1.9	3.0	0.53
Barium, Dissolved	DETSC 2306	0.26	ug/l	10	12	8.1	4.4
Beryllium, Dissolved	DETSC 2306*	0.1	ug/l	< 0.1	< 0.1	< 0.1	< 0.1
Boron, Dissolved	DETSC 2306*	12	ug/l	< 12	< 12	< 12	< 12
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03
Chromium, Dissolved	DETSC 2306	0.25	ug/l	0.83	0.33	< 0.25	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	3.9	3.9	3.4	3.5
Iron, Dissolved	DETSC 2306	5.5	ug/l	110	89	67	76
Lead, Dissolved	DETSC 2306	0.09	ug/l	1.8	1.2	0.27	0.25
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	0.5	< 0.5	< 0.5	< 0.5
Selenium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	< 0.25	< 0.25	< 0.25
Vanadium, Dissolved	DETSC 2306	0.6	ug/l	4.9	3.1	48	0.7
Zinc, Dissolved	DETSC 2306	1.3	ug/l	5.4	4.3	3.2	2.3
Inorganics							
pH	DETSC 2008		pH	6.9	6.9	6.9	8.4
Cyanide, Total	DETSC 2130	40	ug/l	< 40	< 40	< 40	< 40
Phenol - Monohydric	DETSC 2131	1.5	ug/l	< 1.5	< 1.5	< 1.5	< 1.5
PAHs							
Acenaphthene	DETSC 3304	0.01	ug/l	0.02	0.01	0.02	< 0.01
Acenaphthylene	DETSC 3304	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	DETSC 3304	0.01	ug/l	0.02	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	DETSC 3304*	0.01	ug/l	0.06	0.02	0.02	< 0.01
Benzo(a)pyrene	DETSC 3304	0.01	ug/l	0.11	0.03	0.03	< 0.01
Benzo(b)fluoranthene	DETSC 3304	0.01	ug/l	0.13	0.05	0.03	< 0.01
Benzo(g,h,i)perylene	DETSC 3304	0.01	ug/l	0.08	0.04	0.03	0.01
Benzo(k)fluoranthene	DETSC 3304	0.01	ug/l	0.04	0.01	< 0.01	< 0.01
Chrysene	DETSC 3304	0.01	ug/l	0.06	0.02	0.02	< 0.01
Dibenzo(a,h)anthracene	DETSC 3304	0.01	ug/l	0.04	0.01	< 0.01	< 0.01
Fluoranthene	DETSC 3304	0.01	ug/l	0.11	0.03	0.04	0.03
Fluorene	DETSC 3304	0.01	ug/l	0.01	< 0.01	0.01	< 0.01
Indeno(1,2,3-c,d)pyrene	DETSC 3304	0.01	ug/l	0.11	0.04	0.04	0.01
Naphthalene	DETSC 3304	0.05	ug/l	0.06	0.05	0.05	< 0.05
Phenanthrene	DETSC 3304	0.01	ug/l	0.10	0.04	0.07	0.05
Pyrene	DETSC 3304	0.01	ug/l	0.08	0.02	0.03	0.01
PAH Total	DETSC 3304	0.2	ug/l	1.0	0.39	0.38	< 0.20

Summary of Asbestos Analysis

Soil Samples

Our Ref 22-25799

Client Ref 8293.02

Contract Title Ty Mawr, Potardawe

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
2098225	WS201 0.60	SOIL	NAD	NA	SUB
2098226	WS201 1.50	SOIL	NAD	NA	SUB
2098227	WS202 0.50	SOIL	NAD	NA	SUB
2098228	WS203 0.40	SOIL	NAD	NA	SUB

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * - not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 22-25799
 Client Ref 8293.02
 Contract Ty Mawr, Potardawe

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2098225	WS201 0.60 SOIL	01/12/22	GJ 250ml, PT 1L	Total Sulphur ICP (7 days), pH + Conductivity (7 days)	
2098226	WS201 1.50 SOIL	01/12/22	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
2098227	WS202 0.50 SOIL	01/12/22	GJ 250ml, PT 1L	Total Sulphur ICP (7 days), pH + Conductivity (7 days)	
2098228	WS203 0.40 SOIL	01/12/22	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
2098229	WS201 1.20 SOIL	01/12/22	PT 1L	Total Sulphur ICP (7 days), pH + Conductivity (7 days)	
2098230	WS202 1.00 SOIL	01/12/22	PT 1L	Total Sulphur ICP (7 days), pH + Conductivity (7 days)	
2098231	WS203 1.10 SOIL	01/12/22	PT 1L	Total Sulphur ICP (7 days), pH + Conductivity (7 days)	
2098232	WS201 0.60 LEACHATE	01/12/22	GJ 250ml, PT 1L		
2098233	WS201 1.50 LEACHATE	01/12/22	GJ 250ml, PT 1L		
2098234	WS202 0.50 LEACHATE	01/12/22	GJ 250ml, PT 1L		
2098235	WS203 0.40 LEACHATE	01/12/22	GJ 250ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report