

Appendix **B**





2531



ANALYTICAL TEST REPORT

Contract no: 90429

Contract name: ABC

Client reference: -

Clients name: Ashton Bennett

Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 21 October 2020

Analysis started: 23 October 2020

Analysis completed: 30 October 2020

Report issued: 30 October 2020

Notes:

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

This report shall not be reproduced except in full, without prior written approval.

Samples will be disposed of 6 weeks from initial receipt unless otherwise instructed.

Key:

U UKAS accredited test

M MCERTS & UKAS accredited test

\$ Test carried out by an approved subcontractor

I/S Insufficient sample to carry out test

N/S Sample not suitable for testing

NAD No Asbestos Detected

Approved by:


Karan Campbell
Director

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

All results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

Analytical results are inclusive of stones.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
90429-1	HE	-	Loam with Gravel	-	-	21.5
90429-2	FL	-	Clay with Gravel	-	-	17.3
90429-3	ML	-	Clay with Gravel	-	-	17.4

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SOILS

Lab number			90429-1	90429-2	90429-3
Sample id			HE	FL	ML
Depth (m)			-	-	-
Date sampled			19/10/2020	19/10/2020	19/10/2020
Test	Method	Units			
Arsenic (total)	CE127 ^M	mg/kg As	7.1	4.1	5.2
Cadmium (total)	CE127 ^M	mg/kg Cd	<0.2	<0.2	<0.2
Chromium (total)	CE127 ^M	mg/kg Cr	56	74	64
Chromium (VI)	CE146	mg/kg CrVI	<1	<1	<1
Copper (total)	CE127 ^M	mg/kg Cu	15	32	32
Lead (total)	CE127 ^M	mg/kg Pb	50	27	24
Mercury (total)	CE127 ^M	mg/kg Hg	<0.5	<0.5	<0.5
Nickel (total)	CE127 ^M	mg/kg Ni	8.3	40	41
Selenium (total)	CE127 ^M	mg/kg Se	0.8	1.6	1.5
Zinc (total)	CE127 ^M	mg/kg Zn	63	88	112
pH	CE004 ^M	units	6.9	7.5	8.2
Sulphate (2:1 water soluble)	CE061 ^M	mg/l SO ₄	45	41	60
PAH					
Naphthalene	CE087 ^M	mg/kg	0.05	0.02	<0.02
Acenaphthylene	CE087 ^M	mg/kg	0.02	<0.02	<0.02
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Fluorene	CE087 ^U	mg/kg	0.03	<0.02	<0.02
Phenanthrene	CE087 ^M	mg/kg	0.30	0.13	0.07
Anthracene	CE087 ^U	mg/kg	0.06	0.04	0.02
Fluoranthene	CE087 ^M	mg/kg	0.58	0.24	0.15
Pyrene	CE087 ^M	mg/kg	0.50	0.23	0.14
Benzo(a)anthracene	CE087 ^U	mg/kg	0.25	0.12	0.08
Chrysene	CE087 ^M	mg/kg	0.31	0.15	0.09
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.37	0.17	0.10
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.14	0.06	0.04
Benzo(a)pyrene	CE087 ^U	mg/kg	0.28	0.13	0.08
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.20	0.08	0.05
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.05	<0.02	<0.02
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.18	0.08	0.05
PAH (total of USEPA 16)	CE087	mg/kg	3.31	1.46	0.85
TPH					
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	0.04	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC12-EC16)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE068	mg/kg	2	<1	<1
EPH Aromatic (>EC21-EC35)	CE068	mg/kg	3	<1	<1
EPH Aromatic (>EC35-EC44)	CE068	mg/kg	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1

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SOILS

Lab number			90429-1	90429-2	90429-3
Sample id			HE	FL	ML
Depth (m)			-	-	-
Date sampled			19/10/2020	19/10/2020	19/10/2020
Test	Method	Units			
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE068	mg/kg	<4	<4	<4
EPH Aliphatic (>C12-C16)	CE068	mg/kg	<4	<4	<4
EPH Aliphatic (>C16-C35)	CE068	mg/kg	51	16	20
EPH Aliphatic (>C35-C44)	CE068	mg/kg	15	<10	<10
Subcontracted analysis					
Asbestos (qualitative)	\$	-	NAD	NAD	NAD

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE127	Arsenic (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg As
CE127	Cadmium (total)	Aqua regia digest, ICP-MS	Dry	M	0.2	mg/kg Cd
CE127	Chromium (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Cr
CE208	Chromium (III)	Calculation: Cr (total) - Cr (VI)	Dry		1	mg/kg CrIII
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE127	Copper (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Cu
CE127	Lead (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Pb
CE127	Mercury (total)	Aqua regia digest, ICP-MS	Dry	M	0.5	mg/kg Hg
CE127	Nickel (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Ni
CE127	Selenium (total)	Aqua regia digest, ICP-MS	Dry	M	0.3	mg/kg Se
CE127	Zinc (total)	Aqua regia digest, ICP-MS	Dry	M	5	mg/kg Zn
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	M	10	mg/l SO ₄
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE068	EPH Aromatic (>EC10-EC12)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC12-EC16)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC16-EC21)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC21-EC35)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC35-EC44)	Solvent extraction, GC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE068	EPH Aliphatic (>C10-C12)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C12-C16)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C16-C35)	Solvent extraction, GC-FID	As received		4	mg/kg

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE068	EPH Aliphatic (>C35-C44)	Solvent extraction, GC-FID	As received		10	mg/kg
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-

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DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
90429-1	HE	-	N	
90429-2	FL	-	N	
90429-3	ML	-	N	



ANALYTICAL TEST REPORT

Contract no: 96789
Contract name: Homfirth
Client reference: 3454
Clients name: Ashton Bennett
Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 10 June 2021
Analysis started: 10 June 2021
Analysis completed: 17 June 2021
Report issued: 17 June 2021

Notes: Opinions and interpretations expressed herein are outside the UKAS accreditation scope.
Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.
All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.
Methods, procedures and performance data are available on request.
Results reported herein relate only to the material supplied to the laboratory.
This report shall not be reproduced except in full, without prior written approval.
Samples will be disposed of 6 weeks from initial receipt unless otherwise instructed.

Key: U UKAS accredited test
M MCERTS & UKAS accredited test
\$ Test carried out by an approved subcontractor
I/S Insufficient sample to carry out test
N/S Sample not suitable for testing
NAD No Asbestos Detected

Approved by:

Rachael Burton
Customer Support Squad Leader

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

All results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

Analytical results are inclusive of stones.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
96789-1	S	-	Sandy Clay with Gravel	-	-	20.1
96789-2	S14	-	Sandy Clay with Gravel	-	-	24.2
96789-3	S15	-	Sandy Clay with Gravel	-	-	22.1
96789-4	S16	-	Sandy Clay with Gravel	-	-	21.9
96789-5	S17	-	Sandy Clay with Gravel	-	-	25.1
96789-6	S18	-	Sandy Clay with Gravel	-	-	20.5
96789-7	S19	-	Sandy Clay with Gravel	-	-	22.8
96789-8	S20	-	Sandy Clay with Gravel	-	-	22.5
96789-9	S21	-	Sandy Clay with Gravel	-	-	20.9

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SOILS

Lab number			96789-1	96789-2	96789-3	96789-4	96789-5	96789-6
Sample id			S	S14	S15	S16	S17	S18
Depth (m)			-	-	-	-	-	-
Date sampled			19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021
Test	Method	Units						
Arsenic (total)	CE127 ^M	mg/kg As	9.2	11	10	10	10	9.9
Boron (water soluble)	CE063	mg/kg B	<0.5	0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (total)	CE127 ^M	mg/kg Cd	0.2	0.3	0.2	0.3	0.3	0.2
Chromium (VI)	CE146	mg/kg CrVI	<1	<1	<1	<1	<1	<1
Copper (total)	CE127 ^M	mg/kg Cu	20	22	21	21	20	20
Lead (total)	CE127 ^M	mg/kg Pb	50	59	55	53	56	53
Mercury (total)	CE127 ^M	mg/kg Hg	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel (total)	CE127 ^M	mg/kg Ni	10	11	11	11	10	10
Selenium (total)	CE127 ^M	mg/kg Se	0.7	0.8	0.8	0.7	0.8	0.8
Zinc (total)	CE127 ^M	mg/kg Zn	51	55	57	51	55	51
pH	CE004 ^M	units	6.9	6.5	6.5	6.3	6.9	6.8
Sulphate (2:1 water soluble)	CE061	mg/l SO ₄	89	48	46	48	34	50
PAH								
Naphthalene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02	<0.02	0.03	<0.02
Acenaphthylene	CE087 ^M	mg/kg	0.03	<0.02	<0.02	<0.02	<0.02	0.03
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	CE087 ^U	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	CE087 ^M	mg/kg	0.36	0.18	0.17	0.16	0.20	0.24
Anthracene	CE087 ^U	mg/kg	0.14	0.03	0.03	0.03	0.03	0.02
Fluoranthene	CE087 ^M	mg/kg	1.05	0.36	0.46	0.41	0.41	0.51
Pyrene	CE087 ^M	mg/kg	0.91	0.32	0.41	0.37	0.38	0.46
Benzo(a)anthracene	CE087 ^U	mg/kg	0.52	0.16	0.24	0.23	0.21	0.23
Chrysene	CE087 ^M	mg/kg	0.50	0.23	0.31	0.25	0.23	0.23
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.69	0.26	0.38	0.39	0.33	0.36
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.27	0.10	0.13	0.15	0.12	0.14
Benzo(a)pyrene	CE087 ^U	mg/kg	0.56	0.20	0.30	0.30	0.26	0.29
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.40	0.15	0.22	0.25	0.19	0.21
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.06	<0.02	0.03	0.06	0.03	0.02
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.35	0.13	0.19	0.22	0.16	0.19
PAH (total of USEPA 16)	CE087	mg/kg	5.84	2.10	2.87	2.82	2.56	2.93
TPH								
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	0.01	0.01	<0.01	<0.01	0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
EPH Aromatic (>EC12-EC16)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE068	mg/kg	3	<1	2	<1	2	2
EPH Aromatic (>EC21-EC35)	CE068	mg/kg	4	2	3	3	2	2
EPH Aromatic (>EC35-EC44)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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SOILS

Lab number			96789-1	96789-2	96789-3	96789-4	96789-5	96789-6
Sample id			S	S14	S15	S16	S17	S18
Depth (m)			-	-	-	-	-	-
Date sampled			19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021
Test	Method	Units						
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE068	mg/kg	<4	<4	<4	<4	<4	<4
EPH Aliphatic (>C12-C16)	CE068	mg/kg	<4	<4	<4	<4	<4	<4
EPH Aliphatic (>C16-C35)	CE068	mg/kg	79	48	59	94	63	95
EPH Aliphatic (>C35-C44)	CE068	mg/kg	27	18	19	43	36	53
Subcontracted analysis								
Asbestos (qualitative)	\$	-	NAD	NAD	NAD	NAD	NAD	NAD

Chemtech Environmental Limited

SOILS

Lab number			96789-7	96789-8	96789-9
Sample id			S19	S20	S21
Depth (m)			-	-	-
Date sampled			19/05/2021	19/05/2021	19/05/2021
Test	Method	Units			
Arsenic (total)	CE127 ^M	mg/kg As	10	11	9.7
Boron (water soluble)	CE063	mg/kg B	<0.5	<0.5	<0.5
Cadmium (total)	CE127 ^M	mg/kg Cd	0.4	0.2	0.2
Chromium (VI)	CE146	mg/kg CrVI	<1	<1	<1
Copper (total)	CE127 ^M	mg/kg Cu	21	20	20
Lead (total)	CE127 ^M	mg/kg Pb	60	56	51
Mercury (total)	CE127 ^M	mg/kg Hg	0.7	<0.5	<0.5
Nickel (total)	CE127 ^M	mg/kg Ni	12	11	11
Selenium (total)	CE127 ^M	mg/kg Se	0.8	0.8	1.0
Zinc (total)	CE127 ^M	mg/kg Zn	58	51	51
pH	CE004 ^M	units	6.8	6.9	6.6
Sulphate (2:1 water soluble)	CE061	mg/l SO ₄	78	35	39
PAH					
Naphthalene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Acenaphthylene	CE087 ^M	mg/kg	0.02	<0.02	0.02
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	0.08
Fluorene	CE087 ^U	mg/kg	<0.02	0.03	0.06
Phenanthrene	CE087 ^M	mg/kg	0.19	1.04	0.72
Anthracene	CE087 ^U	mg/kg	0.05	0.65	0.17
Fluoranthene	CE087 ^M	mg/kg	0.54	3.60	1.03
Pyrene	CE087 ^M	mg/kg	0.49	3.00	0.94
Benzo(a)anthracene	CE087 ^U	mg/kg	0.28	1.66	0.51
Chrysene	CE087 ^M	mg/kg	0.28	1.59	0.49
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.46	1.64	0.72
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.16	0.71	0.28
Benzo(a)pyrene	CE087 ^U	mg/kg	0.36	1.39	0.56
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.26	0.91	0.38
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.05	0.17	0.07
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.23	0.73	0.33
PAH (total of USEPA 16)	CE087	mg/kg	3.37	17.1	6.37
TPH					
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC12-EC16)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE068	mg/kg	2	9	4
EPH Aromatic (>EC21-EC35)	CE068	mg/kg	3	9	4
EPH Aromatic (>EC35-EC44)	CE068	mg/kg	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1

Chemtech Environmental Limited

SOILS

Lab number			96789-7	96789-8	96789-9
Sample id			S19	S20	S21
Depth (m)			-	-	-
Date sampled			19/05/2021	19/05/2021	19/05/2021
Test	Method	Units			
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE068	mg/kg	<4	<4	<4
EPH Aliphatic (>C12-C16)	CE068	mg/kg	<4	<4	<4
EPH Aliphatic (>C16-C35)	CE068	mg/kg	71	50	70
EPH Aliphatic (>C35-C44)	CE068	mg/kg	29	20	37
Subcontracted analysis					
Asbestos (qualitative)	\$	-	NAD	NAD	NAD

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE127	Arsenic (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg As
CE063	Boron (water soluble)	Hot water extract, ICP-OES	Dry		0.5	mg/kg B
CE127	Cadmium (total)	Aqua regia digest, ICP-MS	Dry	M	0.2	mg/kg Cd
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE127	Copper (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Cu
CE127	Lead (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Pb
CE127	Mercury (total)	Aqua regia digest, ICP-MS	Dry	M	0.5	mg/kg Hg
CE127	Nickel (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Ni
CE127	Selenium (total)	Aqua regia digest, ICP-MS	Dry	M	0.3	mg/kg Se
CE127	Zinc (total)	Aqua regia digest, ICP-MS	Dry	M	5	mg/kg Zn
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry		10	mg/l SO ₄
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE068	EPH Aromatic (>EC10-EC12)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC12-EC16)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC16-EC21)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC21-EC35)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC35-EC44)	Solvent extraction, GC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE068	EPH Aliphatic (>C10-C12)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C12-C16)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C16-C35)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C35-C44)	Solvent extraction, GC-FID	As received		10	mg/kg

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
96789-1	S	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-2	S14	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-3	S15	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-4	S16	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-5	S17	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-6	S18	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-7	S19	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-8	S20	-	Y	pH (EHT), PAH (EHT), TPH (EHT)
96789-9	S21	-	Y	pH (EHT), PAH (EHT), TPH (EHT)



ANALYTICAL TEST REPORT

Contract no: 97775
Contract name: ABC, Mid Holmfirth
Client reference: -
Clients name: Ashton Bennett
Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 28 June 2021
Analysis started: 28 June 2021
Analysis completed: 05 July 2021
Report issued: 05 July 2021

Notes: Opinions and interpretations expressed herein are outside the UKAS accreditation scope.
Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.
All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.
Methods, procedures and performance data are available on request.
Results reported herein relate only to the material supplied to the laboratory.
This report shall not be reproduced except in full, without prior written approval.
Samples will be disposed of 6 weeks from initial receipt unless otherwise instructed.

Key: U UKAS accredited test
M MCERTS & UKAS accredited test
\$ Test carried out by an approved subcontractor
I/S Insufficient sample to carry out test
N/S Sample not suitable for testing

Approved by:

Rachael Burton
Customer Support Squad Leader

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

All results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

Analytical results are inclusive of stones.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
97775-1	SA14	-	Loamy Sand with Gravel & Roots	-	-	10.8
97775-2	SA15	-	Loamy Sand with Gravel & Roots	-	-	7.9
97775-3	SA16	-	Loamy Sand with Gravel & Roots	-	-	9.7
97775-4	SA17	-	Loamy Sand with Gravel & Roots	-	-	11.2
97775-5	SA18	-	Loamy Sand with Gravel & Roots	-	-	6.5
97775-6	SA19	-	Loamy Sand with Gravel & Roots	-	-	18.0
97775-7	SA20	-	Loamy Sand with Gravel & Roots	-	-	16.2
97775-8	SA21	-	Loamy Sand with Gravel & Roots	-	-	9.6
97775-9	Stock	-	Loamy Sand with Gravel & Roots	-	-	8.7

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SOILS

Lab number			97775-1	97775-2	97775-3	97775-4	97775-5	97775-6
Sample id			SA14	SA15	SA16	SA17	SA18	SA19
Depth (m)			-	-	-	-	-	-
Date sampled			24/06/2021	24/06/2021	24/06/2021	24/06/2021	24/06/2021	24/06/2021
Test	Method	Units						
pH	CE004 ^M	units	6.8	7.0	6.7	6.9	6.9	6.9
PAH								
Naphthalene	CE087 ^M	mg/kg	0.02	0.04	<0.02	0.05	0.07	<0.02
Acenaphthylene	CE087 ^M	mg/kg	0.05	0.12	0.03	0.02	0.06	<0.02
Acenaphthene	CE087 ^M	mg/kg	0.03	0.09	<0.02	0.17	0.06	<0.02
Fluorene	CE087 ^U	mg/kg	0.03	0.10	<0.02	0.14	0.09	<0.02
Phenanthrene	CE087 ^M	mg/kg	0.54	1.92	0.22	1.06	1.21	0.17
Anthracene	CE087 ^U	mg/kg	0.10	0.17	0.09	0.17	0.11	0.03
Fluoranthene	CE087 ^M	mg/kg	0.89	2.45	0.53	1.34	1.28	0.38
Pyrene	CE087 ^M	mg/kg	0.76	1.94	0.48	1.18	1.05	0.34
Benzo(a)anthracene	CE087 ^U	mg/kg	0.35	0.64	0.26	0.57	0.45	0.17
Chrysene	CE087 ^M	mg/kg	0.47	1.08	0.32	0.64	0.61	0.22
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.51	1.07	0.36	0.65	0.64	0.25
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.19	0.47	0.15	0.25	0.27	0.09
Benzo(a)pyrene	CE087 ^U	mg/kg	0.36	0.72	0.25	0.47	0.46	0.18
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.34	0.71	0.24	0.42	0.41	0.15
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.04	0.10	0.02	0.06	0.06	<0.02
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.26	0.53	0.20	0.34	0.33	0.13
PAH (total of USEPA 16)	CE087	mg/kg	4.93	12.2	3.15	7.52	7.16	2.10
TPH								
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
EPH Aromatic (>EC12-EC16)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE068	mg/kg	3	8	2	5	5	<1
EPH Aromatic (>EC21-EC35)	CE068	mg/kg	3	6	3	4	4	2
EPH Aromatic (>EC35-EC44)	CE068	mg/kg	<1	<1	<1	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE068	mg/kg	<4	<4	<4	<4	<4	<4
EPH Aliphatic (>C12-C16)	CE068	mg/kg	<4	5	4	<4	<4	8
EPH Aliphatic (>C16-C35)	CE068	mg/kg	57	77	108	78	93	69
EPH Aliphatic (>C35-C44)	CE068	mg/kg	25	27	39	35	26	17

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SOILS

Lab number			97775-7	97775-8	97775-9
Sample id			SA20	SA21	Stock
Depth (m)			-	-	-
Date sampled			24/06/2021	24/06/2021	24/06/2021
Test	Method	Units			
pH	CE004 ^M	units	7.0	6.7	6.7
PAH					
Naphthalene	CE087 ^M	mg/kg	<0.02	0.02	<0.02
Acenaphthylene	CE087 ^M	mg/kg	0.02	0.02	<0.02
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	0.05
Fluorene	CE087 ^U	mg/kg	<0.02	<0.02	0.03
Phenanthrene	CE087 ^M	mg/kg	0.23	0.23	0.47
Anthracene	CE087 ^U	mg/kg	0.04	0.06	0.09
Fluoranthene	CE087 ^M	mg/kg	0.51	0.57	0.84
Pyrene	CE087 ^M	mg/kg	0.46	0.53	0.74
Benzo(a)anthracene	CE087 ^U	mg/kg	0.23	0.26	0.34
Chrysene	CE087 ^M	mg/kg	0.29	0.36	0.43
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.32	0.42	0.46
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.12	0.16	0.18
Benzo(a)pyrene	CE087 ^U	mg/kg	0.23	0.29	0.31
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.21	0.27	0.31
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.03	0.04	0.04
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.17	0.23	0.25
PAH (total of USEPA 16)	CE087	mg/kg	2.86	3.47	4.55
TPH					
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC12-EC16)	CE068	mg/kg	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE068	mg/kg	2	2	3
EPH Aromatic (>EC21-EC35)	CE068	mg/kg	2	3	3
EPH Aromatic (>EC35-EC44)	CE068	mg/kg	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE068	mg/kg	<4	<4	<4
EPH Aliphatic (>C12-C16)	CE068	mg/kg	<4	<4	5
EPH Aliphatic (>C16-C35)	CE068	mg/kg	55	70	83
EPH Aliphatic (>C35-C44)	CE068	mg/kg	15	26	35

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE068	EPH Aromatic (>EC10-EC12)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC12-EC16)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC16-EC21)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC21-EC35)	Solvent extraction, GC-FID	As received		1	mg/kg
CE068	EPH Aromatic (>EC35-EC44)	Solvent extraction, GC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE068	EPH Aliphatic (>C10-C12)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C12-C16)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C16-C35)	Solvent extraction, GC-FID	As received		4	mg/kg
CE068	EPH Aliphatic (>C35-C44)	Solvent extraction, GC-FID	As received		10	mg/kg

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
97775-1	SA14	-	N	
97775-2	SA15	-	N	
97775-3	SA16	-	N	
97775-4	SA17	-	N	
97775-5	SA18	-	N	
97775-6	SA19	-	N	
97775-7	SA20	-	N	
97775-8	SA21	-	N	
97775-9	Stock	-	N	



ANALYTICAL TEST REPORT

Contract no: 111650(A)

Contract name: Midlothian 3500

Client reference: 3500

Clients name: Ashton Bennett

Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 19 July 2022

Analysis started: 19 July 2022

Analysis completed: 29 July 2022

Report issued: 29 July 2022

This is a supplementary report to report number 111650 issued 28 July 2022.

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Rachael Burton

Reporting Manager

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
111650-2	S1- Topsoil	-	Sandy Clayey Loam with Gravel & Roots	-	-	11.9
111650-4	S2 - Topsoil	-	Sandy Clayey Loam with Gravel & Roots	-	-	12.5

Chemtech Environmental Limited

SOILS

Lab number			111650-2	111650-4
Sample id			S1- Topsoil	S2 - Topsoil
Depth (m)			-	-
Date sampled			13/07/2022	13/07/2022
Test	Method	Units		
Arsenic (total)	CE127 ^M	mg/kg As	12	11
Boron (water soluble)	CE063 ^M	mg/kg B	0.9	0.9
Cadmium (total)	CE127 ^M	mg/kg Cd	0.5	0.6
Chromium (VI)	CE146	mg/kg CrVI	<1	<1
Copper (total)	CE127 ^M	mg/kg Cu	77	253
Lead (total)	CE127 ^M	mg/kg Pb	144	159
Mercury (total)	CE127 ^M	mg/kg Hg	<0.5	<0.5
Nickel (total)	CE127 ^M	mg/kg Ni	37	33
Selenium (total)	CE127 ^M	mg/kg Se	1.3	1.2
Zinc (total)	CE127 ^M	mg/kg Zn	156	139
pH	CE004 ^M	units	8.0	8.1
Sulphate (2:1 water soluble)	CE061 ^U	mg/l SO ₄	438	783
Total Organic Carbon (TOC)	CE197	% w/w C	2.8	3.1
Estimate of OMC (calculated from TOC)	CE197	% w/w	4.8	5.4
PAH				
Naphthalene	CE087 ^M	mg/kg	0.1	0.1
Acenaphthylene	CE087 ^M	mg/kg	0.1	0.1
Acenaphthene	CE087 ^M	mg/kg	0.2	0.2
Fluorene	CE087 ^U	mg/kg	0.1	0.1
Phenanthrene	CE087 ^M	mg/kg	1.3	1.8
Anthracene	CE087 ^U	mg/kg	0.4	0.5
Fluoranthene	CE087 ^M	mg/kg	2.4	3.7
Pyrene	CE087 ^M	mg/kg	2.2	3.3
Benzo(a)anthracene	CE087 ^U	mg/kg	1.2	1.7
Chrysene	CE087 ^M	mg/kg	0.9	1.4
Benzo(b)fluoranthene	CE087 ^M	mg/kg	1.4	2.1
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.6	0.7
Benzo(a)pyrene	CE087 ^U	mg/kg	1.0	1.5
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.9	1.4
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.2	0.2
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.7	1.0
PAH (total of USEPA 16)	CE087	mg/kg	13.6	19.7
TPH				
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE250	mg/kg	4	4
EPH Aromatic (>EC12-EC16)	CE250	mg/kg	12	12
EPH Aromatic (>EC16-EC21)	CE250	mg/kg	36	38
EPH Aromatic (>EC21-EC35)	CE250	mg/kg	129	105

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SOILS

Lab number			111650-2	111650-4
Sample id			S1- Topsoil	S2 - Topsoil
Depth (m)			-	-
Date sampled			13/07/2022	13/07/2022
Test	Method	Units		
EPH Aromatic (>EC35-EC44)	CE250	mg/kg	14	13
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE250	mg/kg	<6	<6
EPH Aliphatic (>C12-C16)	CE250	mg/kg	<6	<6
EPH Aliphatic (>C16-C35)	CE250	mg/kg	51	27
EPH Aliphatic (>C35-C44)	CE250	mg/kg	<10	<10
Subcontracted analysis				
Asbestos (qualitative)	\$	-	NAD	NAD

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE127	Arsenic (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg As
CE063	Boron (water soluble)	Hot water extract, ICP-OES	Dry	M	0.5	mg/kg B
CE127	Cadmium (total)	Aqua regia digest, ICP-MS	Dry	M	0.2	mg/kg Cd
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE127	Copper (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Cu
CE127	Lead (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Pb
CE127	Mercury (total)	Aqua regia digest, ICP-MS	Dry	M	0.5	mg/kg Hg
CE127	Nickel (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Ni
CE127	Selenium (total)	Aqua regia digest, ICP-MS	Dry	M	0.3	mg/kg Se
CE127	Zinc (total)	Aqua regia digest, ICP-MS	Dry	M	5	mg/kg Zn
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	U	10	mg/l SO ₄
CE197	Total Organic Carbon (TOC)	Carbon Analyser	Dry		0.1	% w/w C
CE197	Estimate of OMC (calculated from TOC)	Calculation from Total Organic Carbon	Dry		0.1	% w/w
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE250	EPH Aromatic (>EC10-EC12)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC12-EC16)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC16-EC21)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC21-EC35)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC35-EC44)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE250	EPH Aliphatic (>C10-C12)	Solvent extraction, GCxGC-FID	As received		6	mg/kg
CE250	EPH Aliphatic (>C12-C16)	Solvent extraction, GCxGC-FID	As received		6	mg/kg

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE250	EPH Aliphatic (>C16-C35)	Solvent extraction, GCxGC-FID	As received		15	mg/kg
CE250	EPH Aliphatic (>C35-C44)	Solvent extraction, GCxGC-FID	As received		10	mg/kg
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
111650-2	S1- Topsoil	-	N	
111650-4	S2 - Topsoil	-	N	

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ADDITIONAL INFORMATION

Notes

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

This report shall not be reproduced except in full, without prior written approval.

Samples will be disposed of 4 weeks from initial receipt unless otherwise instructed.

BTEX compounds are identified by retention time only and may include interference from co-eluting compounds.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.

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TEST REPORT REVISIONS

The table below identifies amendments that have been made to this test report for each revision.

Test Report Reference	Details of amendments to test report	Issue Date
111650	Original report issued	28 July 2022
111650(A)	Report Split	29 July 2022



ANALYTICAL TEST REPORT

Contract no: 116012

Contract name: Midlothian

Client reference: 3500

Clients name: Ashton Bennett

Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 18 November 2022

Analysis started: 18 November 2022

Analysis completed: 23 November 2022

Report issued: 23 November 2022

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Abbie Neasham-Bourn
Senior Reporting Administrator

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
116012-1	Plot28	0.60	Loamy Clay with Roots	-	-	19.9
116012-2	Plot 31	0.60	Sandy Clayey Loam	-	-	19.4
116012-3	Plot 37	0.60	Sandy Clayey Loam	-	-	18.5
116012-4	Stockplie 2	0.60	Loamy Clay	-	-	29.1

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SOILS

Lab number			116012-1	116012-2	116012-3	116012-4
Sample id			Plot28	Plot 31	Plot 37	Stockplie 2
Depth (m)			0.60	0.60	0.60	0.60
Date sampled			16/11/2022	16/11/2022	16/11/2022	16/11/2022
Test	Method	Units				
Arsenic (total)	CE127 ^M	mg/kg As	15	12	11	30
Boron (water soluble)	CE063 ^U	mg/kg B	0.8	<0.5	<0.5	1.0
Cadmium (total)	CE127 ^M	mg/kg Cd	0.5	0.3	0.2	1.2
Chromium (VI)	CE146	mg/kg CrVI	<1	<1	<1	<1
Copper (total)	CE127 ^M	mg/kg Cu	51	30	26	101
Lead (total)	CE127 ^M	mg/kg Pb	145	74	67	328
Mercury (total)	CE127 ^M	mg/kg Hg	<0.5	<0.5	<0.5	0.7
Nickel (total)	CE127 ^M	mg/kg Ni	26	14	14	35
Selenium (total)	CE127 ^M	mg/kg Se	1.3	1.1	1.0	2.2
Zinc (total)	CE127 ^M	mg/kg Zn	141.8	79.1	69.7	295.1
pH	CE004 ^M	units	8.1	7.9	7.7	7.5
Sulphate (2:1 water soluble)	CE061 ^U	mg/l SO ₄	116	41	45	26
PAH						
Naphthalene	CE087 ^M	mg/kg	0.09	0.04	0.28	0.22
Acenaphthylene	CE087 ^M	mg/kg	0.03	0.04	0.05	0.08
Acenaphthene	CE087 ^M	mg/kg	0.11	0.05	0.32	0.44
Fluorene	CE087 ^U	mg/kg	0.09	0.04	0.27	0.34
Phenanthrene	CE087 ^M	mg/kg	1.13	0.54	2.14	4.18
Anthracene	CE087 ^U	mg/kg	0.36	0.14	0.35	0.99
Fluoranthene	CE087 ^M	mg/kg	1.88	1.02	2.26	6.85
Pyrene	CE087 ^M	mg/kg	1.67	0.94	1.98	5.94
Benzo(a)anthracene	CE087 ^U	mg/kg	0.91	0.52	0.93	3.10
Chrysene	CE087 ^M	mg/kg	0.98	0.60	0.88	2.96
Benzo(b)fluoranthene	CE087 ^M	mg/kg	1.19	0.84	1.31	4.26
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.42	0.29	0.46	1.44
Benzo(a)pyrene	CE087 ^U	mg/kg	0.78	0.53	0.85	3.09
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.73	0.49	0.80	2.81
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.14	0.09	0.15	0.55
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.58	0.39	0.62	2.22
PAH (total of USEPA 16)	CE087	mg/kg	11.1	6.56	13.7	39.5
TPH						
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE250	mg/kg	<10	<10	<10	<10
EPH Aromatic (>EC12-EC16)	CE250	mg/kg	<10	<10	16	32
EPH Aromatic (>EC16-EC21)	CE250	mg/kg	<1	<1	12	42
EPH Aromatic (>EC21-EC35)	CE250	mg/kg	<1	11	70	178
EPH Aromatic (>EC35-EC44)	CE250	mg/kg	<1	<1	12	50
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1

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SOILS

Lab number			116012-1	116012-2	116012-3	116012-4
Sample id			Plot28	Plot 31	Plot 37	Stockplie 2
Depth (m)			0.60	0.60	0.60	0.60
Date sampled			16/11/2022	16/11/2022	16/11/2022	16/11/2022
Test	Method	Units				
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE250	mg/kg	<6	<6	<6	<6
EPH Aliphatic (>C12-C16)	CE250	mg/kg	<6	<6	<6	<6
EPH Aliphatic (>C16-C35)	CE250	mg/kg	<15	<15	<15	89
EPH Aliphatic (>C35-C44)	CE250	mg/kg	<10	<10	<10	17
Subcontracted analysis						
Asbestos (qualitative)	\$	-	NAD	NAD	NAD	NAD

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE127	Arsenic (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg As
CE063	Boron (water soluble)	Hot water extract, ICP-OES	Dry	U	0.5	mg/kg B
CE127	Cadmium (total)	Aqua regia digest, ICP-MS	Dry	M	0.2	mg/kg Cd
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE127	Copper (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Cu
CE127	Lead (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Pb
CE127	Mercury (total)	Aqua regia digest, ICP-MS	Dry	M	0.5	mg/kg Hg
CE127	Nickel (total)	Aqua regia digest, ICP-MS	Dry	M	1	mg/kg Ni
CE127	Selenium (total)	Aqua regia digest, ICP-MS	Dry	M	0.3	mg/kg Se
CE127	Zinc (total)	Aqua regia digest, ICP-MS	Dry	M	5	mg/kg Zn
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	U	10	mg/l SO ₄
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE250	EPH Aromatic (>EC10-EC12)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC12-EC16)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC16-EC21)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC21-EC35)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC35-EC44)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE250	EPH Aliphatic (>C10-C12)	Solvent extraction, GCxGC-FID	As received		6	mg/kg
CE250	EPH Aliphatic (>C12-C16)	Solvent extraction, GCxGC-FID	As received		6	mg/kg
CE250	EPH Aliphatic (>C16-C35)	Solvent extraction, GCxGC-FID	As received		15	mg/kg
CE250	EPH Aliphatic (>C35-C44)	Solvent extraction, GCxGC-FID	As received		10	mg/kg

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
116012-1	Plot28	0.60	N	
116012-2	Plot 31	0.60	N	
116012-3	Plot 37	0.60	N	
116012-4	Stockplie 2	0.60	N	

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ADDITIONAL INFORMATION

Notes

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

This report shall not be reproduced except in full, without prior written approval.

Samples will be disposed of 4 weeks from initial receipt unless otherwise instructed.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.



ANALYTICAL TEST REPORT

Contract no: 127363

Contract name: Midlothian

Client reference: 3500

Clients name: Ashton Bennett

Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 09 October 2023

Analysis started: 09 October 2023

Analysis completed: 16 October 2023

Report issued: 16 October 2023

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Ellis McCulloch
Senior Reporting Administrator

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
127363-1	Stockpile 1	-	Sandy Loam with Roots	-	-	27.6
127363-2	Stockpile 2	-	Sandy Loam with Roots	-	-	26.1
127363-3	Stockpile 3	-	Sandy Loam with Roots	-	-	27.3

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SOILS

Lab number			127363-1	127363-2	127363-3
Sample id			Stockpile 1	Stockpile 2	Stockpile 3
Depth (m)			-	-	-
Date sampled			05/10/2023	05/10/2023	05/10/2023
Test	Method	Units			
Arsenic (total)	CE264 ^M	mg/kg As	27.1	32.9	28.8
Cadmium (total)	CE264 ^M	mg/kg Cd	<2	<2	<2
Chromium (VI)	CE146	mg/kg CrVI	<1	<1	<1
Copper (total)	CE264 ^M	mg/kg Cu	38.1	40.8	39.7
Lead (total)	CE264 ^U	mg/kg Pb	63.4	74.3	68.1
Mercury (total)	CE264 ^U	mg/kg Hg	<2	<2	<2
Nickel (total)	CE264 ^M	mg/kg Ni	25.0	22.4	20.4
Selenium (total)	CE264	mg/kg Se	<3	<3	<3
Zinc (total)	CE264 ^M	mg/kg Zn	79.6	83.8	77.7
pH	CE004 ^M	units	6.1	5.9	5.9
Sulphate (2:1 water soluble)	CE061 ^U	mg/l SO ₄	112	49	33
PAH					
Naphthalene	CE087 ^M	mg/kg	0.03	<0.02	0.03
Acenaphthylene	CE087 ^M	mg/kg	0.05	<0.02	<0.02
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Fluorene	CE087 ^U	mg/kg	0.04	<0.02	<0.02
Phenanthrene	CE087 ^M	mg/kg	0.68	0.09	0.13
Anthracene	CE087 ^U	mg/kg	0.08	0.02	0.03
Fluoranthene	CE087 ^M	mg/kg	0.95	0.17	0.21
Pyrene	CE087 ^M	mg/kg	0.76	0.16	0.19
Benzo(a)anthracene	CE087 ^U	mg/kg	0.33	0.10	0.11
Chrysene	CE087 ^M	mg/kg	0.48	0.11	0.14
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.41	0.09	0.12
Benzo(k)fluoranthene	CE087 ^M	mg/kg	0.19	0.05	0.05
Benzo(a)pyrene	CE087 ^U	mg/kg	0.41	0.10	0.11
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.23	0.05	0.07
Dibenz(ah)anthracene	CE087 ^M	mg/kg	0.05	<0.02	<0.02
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.21	0.05	0.07
PAH (total of USEPA 16)	CE087	mg/kg	4.90	1.00	1.25
TPH					
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE250	mg/kg	<10	<10	<10
EPH Aromatic (>EC12-EC16)	CE250	mg/kg	<10	<10	<10
EPH Aromatic (>EC16-EC21)	CE250	mg/kg	<1	<1	<1
EPH Aromatic (>EC21-EC35)	CE250	mg/kg	<1	<1	<1
EPH Aromatic (>EC35-EC44)	CE250	mg/kg	<1	<1	<1
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1

Chemtech Environmental Limited

SOILS

Lab number			127363-1	127363-2	127363-3
Sample id			Stockpile 1	Stockpile 2	Stockpile 3
Depth (m)			-	-	-
Date sampled			05/10/2023	05/10/2023	05/10/2023
Test	Method	Units			
EPH Aliphatic (>C10-C12)	CE250	mg/kg	<6	<6	<6
EPH Aliphatic (>C12-C16)	CE250	mg/kg	<6	<6	<6
EPH Aliphatic (>C16-C35)	CE250	mg/kg	<15	<15	<15
EPH Aliphatic (>C35-C44)	CE250	mg/kg	<10	<10	<10
Subcontracted Analysis					
Asbestos (qualitative)	\$	-	NAD	NAD	NAD

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE264	Arsenic (total)	Aqua Regia Extraction, ICPOES	Dry	M	3	mg/kg As
CE264	Cadmium (total)	Aqua Regia Extraction, ICPOES	Dry	M	2	mg/kg Cd
CE146	Chromium (VI)	Acid extraction, Colorimetry	Dry		1	mg/kg CrVI
CE264	Copper (total)	Aqua Regia Extraction, ICPOES	Dry	M	2	mg/kg Cu
CE264	Lead (total)	Aqua Regia Extraction, ICPOES	Dry	U	3	mg/kg Pb
CE264	Mercury (total)	Aqua Regia Extraction, ICPOES	Dry	U	2	mg/kg Hg
CE264	Nickel (total)	Aqua Regia Extraction, ICPOES	Dry	M	3	mg/kg Ni
CE264	Selenium (total)	Aqua Regia Extraction, ICPOES	Dry	U	3	mg/kg Se
CE264	Zinc (total)	Aqua Regia Extraction, ICPOES	Dry	M	4	mg/kg Zn
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	U	10	mg/l SO ₄
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.03	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.02	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.34	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE250	EPH Aromatic (>EC10-EC12)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC12-EC16)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC16-EC21)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC21-EC35)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC35-EC44)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE250	EPH Aliphatic (>C10-C12)	Solvent extraction, GCxGC-FID	As received		6	mg/kg
CE250	EPH Aliphatic (>C12-C16)	Solvent extraction, GCxGC-FID	As received		6	mg/kg
CE250	EPH Aliphatic (>C16-C35)	Solvent extraction, GCxGC-FID	As received		15	mg/kg
CE250	EPH Aliphatic (>C35-C44)	Solvent extraction, GCxGC-FID	As received		10	mg/kg
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
127363-1	Stockpile 1	-	N	
127363-2	Stockpile 2	-	N	
127363-3	Stockpile 3	-	N	

Chemtech Environmental Limited

ADDITIONAL INFORMATION

Notes

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

This report shall not be reproduced except in full, without prior written approval.

Samples will be disposed of 4 weeks from initial receipt unless otherwise instructed.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.

Moisture Content Calculated on a Wet Weight basis



ANALYTICAL TEST REPORT

Contract no: 131846

Contract name: Tristan Bennett

Client reference: 3500 Woodlands

Clients name: Ashton Bennett

Clients address: 131 Huddersfield Road
Holmfirth
West Yorkshire
HD9 3TW

Samples received: 28 March 2024

Analysis started: 28 March 2024

Analysis completed: 08 April 2024

Report issued: 08 April 2024

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Abbie Neasham-Bourn
Senior Reporting Administrator

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample id	Depth (m)	Sample description	Material removed	% Removed	% Moisture
131846-1	1	-	Sandy Loamy Clay with Gravel & Roots	-	-	25.7
131846-2	2	-	Sandy Loamy Clay with Gravel & Roots	-	-	18.2
131846-3	3	-	Sandy Loamy Clay with Gravel & Roots	-	-	23.4

Chemtech Environmental Limited

SOILS

Lab number			131846-1	131846-2	131846-3
Sample id			1	2	3
Depth (m)			-	-	-
Date sampled			28/03/2024	28/03/2024	28/03/2024
Test	Method	Units			
Moisture Content	CE001	% w/w	25.7	18.2	23.4
Arsenic (total)	CE264 ^M	mg/kg As	18.3	19.7	21.5
Boron (water soluble)	CE063 ^U	mg/kg B	0.9	<0.5	<0.5
Cadmium (total)	CE264 ^M	mg/kg Cd	<1.6	<1.6	2.2
Chromium (VI)	CE263	mg/kg CrVI	<0.04	<0.04	<0.04
Copper (total)	CE264 ^M	mg/kg Cu	26.0	26.9	51.0
Lead (total)	CE264 ^U	mg/kg Pb	50.5	46.1	103.0
Mercury (total)	CE264 ^U	mg/kg Hg	<0.7	1.0	3.2
Nickel (total)	CE264 ^M	mg/kg Ni	13.6	19.2	20.9
Selenium (total)	CE264	mg/kg Se	<3	<3	4.0
Zinc (total)	CE264 ^M	mg/kg Zn	82.9	90.0	126.4
pH	CE004 ^M	units	6.5	6.5	6.7
Sulphate (2:1 water soluble)	CE061 ^U	mg/l SO ₄	744.4	86.5	55.1
PAH					
Naphthalene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Acenaphthylene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Acenaphthene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Fluorene	CE087 ^U	mg/kg	<0.02	<0.02	<0.02
Phenanthrene	CE087 ^M	mg/kg	0.0	0.1	0.0
Anthracene	CE087 ^U	mg/kg	<0.02	<0.02	<0.02
Fluoranthene	CE087 ^M	mg/kg	0.1	0.1	0.1
Pyrene	CE087 ^M	mg/kg	0.1	0.1	0.1
Benzo(a)anthracene	CE087 ^U	mg/kg	0.1	0.1	0.0
Chrysene	CE087 ^M	mg/kg	0.1	0.1	0.0
Benzo(b)fluoranthene	CE087 ^M	mg/kg	0.1	0.1	0.0
Benzo(k)fluoranthene	CE087 ^M	mg/kg	<0.03	<0.03	<0.03
Benzo(a)pyrene	CE087 ^U	mg/kg	0.0	0.0	0.0
Indeno(123cd)pyrene	CE087 ^M	mg/kg	0.0	0.0	0.0
Dibenz(ah)anthracene	CE087 ^M	mg/kg	<0.02	<0.02	<0.02
Benzo(ghi)perylene	CE087 ^M	mg/kg	0.0	0.0	0.0
PAH (total of USEPA 16)	CE087	mg/kg	0.4	0.4	<0.34
BTEX & TPH					
VPH Aromatic (>EC5-EC7)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC7-EC8)	CE067	mg/kg	<0.01	<0.01	<0.01
VPH Aromatic (>EC8-EC10)	CE067	mg/kg	<0.01	<0.01	<0.01
EPH Aromatic (>EC10-EC12)	CE250	mg/kg	<0.6	<0.6	<0.6
EPH Aromatic (>EC12-EC16)	CE250	mg/kg	<1	<1	<1
EPH Aromatic (>EC16-EC21)	CE250	mg/kg	<1.5	<1.5	<1.5
EPH Aromatic (>EC21-EC35)	CE250	mg/kg	<4.5	<4.5	<4.5
EPH Aromatic (>EC35-EC44)	CE250	mg/kg	<2	<2	<2
VPH Aliphatic (>C5-C6)	CE067	mg/kg	<0.1	<0.1	<0.1

Chemtech Environmental Limited

SOILS

Lab number			131846-1	131846-2	131846-3
Sample id			1	2	3
Depth (m)			-	-	-
Date sampled			28/03/2024	28/03/2024	28/03/2024
Test	Method	Units			
VPH Aliphatic (>C6-C8)	CE067	mg/kg	<0.1	<0.1	<0.1
VPH Aliphatic (>C8-C10)	CE067	mg/kg	<0.1	<0.1	<0.1
EPH Aliphatic (>C10-C12)	CE250	mg/kg	<1	<1	<1
EPH Aliphatic (>C12-C16)	CE250	mg/kg	<0.5	<0.5	<0.5
EPH Aliphatic (>C16-C35)	CE250	mg/kg	<3	<3	<3
EPH Aliphatic (>C35-C44)	CE250	mg/kg	<0.5	<0.5	<0.5
Subcontracted Analysis					
Asbestos (qualitative)	\$	-	NAD	NAD	NAD

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE001	Moisture Content	Gravimetry, reported on Wet Weight basis	As received		0.1	% w/w
CE264	Arsenic (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.8	mg/kg As
CE063	Boron (water soluble)	Hot water extract, ICP-OES	Dry	U	1	mg/kg B
CE264	Cadmium (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.6	mg/kg Cd
CE263	Chromium (VI)	Discrete Analyser	Dry			mg/kg CrVI
CE264	Copper (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.6	mg/kg Cu
CE264	Lead (total)	Aqua Regia Extraction, ICPOES	Dry	U	2.3	mg/kg Pb
CE264	Mercury (total)	Aqua Regia Extraction, ICPOES	Dry	U	0.7	mg/kg Hg
CE264	Nickel (total)	Aqua Regia Extraction, ICPOES	Dry	M	2.1	mg/kg Ni
CE264	Selenium (total)	Aqua Regia Extraction, ICPOES	Dry	U	3	mg/kg Se
CE264	Zinc (total)	Aqua Regia Extraction, ICPOES	Dry	M	4	mg/kg Zn

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE004	pH	Based on BS 1377, pH Meter	As received	M	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	U	10	mg/l SO ₄

Chemtech Environmental Limited

METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.016	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.015	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.013	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.013	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.014	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.017	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.017	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.016	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.012	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.028	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.025	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.019	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.019	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.017	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.019	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.028	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE250	EPH Aromatic (>EC10-EC12)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aromatic (>EC12-EC16)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC16-EC21)	Solvent extraction, GCxGC-FID	As received		2	mg/kg
CE250	EPH Aromatic (>EC21-EC35)	Solvent extraction, GCxGC-FID	As received		5	mg/kg
CE250	EPH Aromatic (>EC35-EC44)	Solvent extraction, GCxGC-FID	As received		1.5	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE250	EPH Aliphatic (>C10-C12)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aliphatic (>C12-C16)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aliphatic (>C16-C35)	Solvent extraction, GCxGC-FID	As received		4.5	mg/kg
CE250	EPH Aliphatic (>C35-C44)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-
\$	Asbestos (quantitative)	HSG 248, Microscopy & Gravimetry	Dry	U	0.001	% w/w

Chemtech Environmental Limited

DEVIATING SAMPLE INFORMATION

Comments

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Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
131846-1	1	-	N	
131846-2	2	-	N	
131846-3	3	-	N	

Chemtech Environmental Limited

ADDITIONAL INFORMATION

Notes

Opinions and interpretations expressed herein are outside the UKAS accreditation scope.

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Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

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Soil/Solid samples will be disposed of 4 weeks from initial receipt unless otherwise agreed.

Waters and leachate samples will be disposed of 2 weeks from report issue unless otherwise agreed.

DEFRA Licence for the introduction and movement within England of prohibited soil for chemical and physical analysis Licence No: 132693/469907-0

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.

Moisture Content Calculated on a Wet Weight basis

