

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794747	2794748	2794749	2794750	2794751
Sample Reference				TP35	TP36	TP39	TP40	TP37
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.20-0.30
Date Sampled				16/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	4.3	-	11	4.6
Total mass of sample received	kg	0.001	NONE	0.9	1.2	-	0.9	1.2

Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	-	-	7.9	-
Total Cyanide	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	-
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	-
Free Cyanide	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0092	-	-	0.0072	-
Total Sulphur	mg/kg	50	MCERTS	220	-	-	350	-
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.019	-	-	0.019	-
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.9	-	-	1.9	-
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	-
----------------------------	-------	---	--------	-------	---	---	-------	---

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Phenanthrene	mg/kg	0.05	MCERTS	0.06	-	-	0.07	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	0.09	-	-	0.14	-
Pyrene	mg/kg	0.05	MCERTS	0.09	-	-	0.12	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	0.07	-
Chrysene	mg/kg	0.05	MCERTS	0.05	-	-	0.1	-
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	-	-	0.12	-
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	-	-	0.05	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.05	-	-	0.08	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	-	-	0.05	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	-	0.06	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	-	-	0.86	-
-----------------------------	-------	-----	-----------	--------	---	---	------	---

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794747	2794748	2794749	2794750	2794751
Sample Reference				TP35	TP36	TP39	TP40	TP37
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.20-0.30
Date Sampled				16/08/2023	17/08/2023	17/08/2023	17/08/2023	17/08/2024
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.4	-	-	13	-
Barium (aqua regia extractable)	mg/kg	1	MCERTS	86	-	-	130	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.5	-	-	0.52	-
Boron (water soluble)	mg/kg	0.2	MCERTS	0.6	-	-	0.9	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	-
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	-	-	< 1.8	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	-	-	25	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	19	-	-	24	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	43	-	-	63	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	9.8	-	-	14	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	-	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	21	-	-	25	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	66	-	-	94	-
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	-	-	< 10	-
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	-
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	None Detected	-	-	None Detected

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number			2794752	2794753	2794754	2794755	2794756	
Sample Reference			TP43	TP49	TP52	TP12	TP16	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			0.20-0.30	0.10-0.20	0.20-0.30	0.10-0.20	0.10-0.20	
Date Sampled			17/08/2025	17/08/2026	17/08/2027	17/08/2028	18/08/2023	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
Moisture Content	%	0.01	NONE	6.8	16	14	22	-
Total mass of sample received	kg	0.001	NONE	0.8	0.4	0.9	0.8	-

Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	KWB	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.6	8.1	8.2	8	-
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0035	0.0113	0.0227	0.0291	-
Total Sulphur	mg/kg	50	MCERTS	170	620	630	1700	-
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.012	0.019	0.021	0.04	-
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.2	1.9	2.1	4	-
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
----------------------------	-------	---	--------	-------	-------	-------	-------	---

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.23	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.12	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.09	-
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.21	0.23	0.27	-
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.05	-
Fluoranthene	mg/kg	0.05	MCERTS	0.07	0.39	0.47	0.35	-
Pyrene	mg/kg	0.05	MCERTS	0.06	0.36	0.42	0.31	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.24	0.24	0.18	-
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.31	0.33	0.24	-
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.32	0.34	0.28	-
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.15	0.16	0.1	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.24	0.27	0.2	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.13	0.12	0.1	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.05	< 0.05	< 0.05	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.17	0.13	0.14	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	2.57	2.71	2.66	-
-----------------------------	-------	-----	-----------	--------	------	------	------	---

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794752	2794753	2794754	2794755	2794756
Sample Reference				TP43	TP49	TP52	TP12	TP16
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20-0.30	0.10-0.20	0.20-0.30	0.10-0.20	0.10-0.20
Date Sampled				17/08/2025	17/08/2026	17/08/2027	17/08/2028	18/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.2	27	28	31	-
Barium (aqua regia extractable)	mg/kg	1	MCERTS	27	380	320	450	-
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.22	1	0.96	1.2	-
Boron (water soluble)	mg/kg	0.2	MCERTS	0.4	1.4	0.9	1.7	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	-
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	7.1	52	52	61	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	40	52	44	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	18	130	120	160	-
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.3	0.4	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	5.5	29	28	35	-
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	-
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	11	44	42	55	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	35	190	200	200	-
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	-
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794757	2794758	2794759	2794760	2794761
Sample Reference				TP13	TP54	TP55	TP53	TP06
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20
Date Sampled				18/08/2024	21/08/2023	21/08/2024	21/08/2025	21/08/2026
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	17	9.2	15	14
Total mass of sample received	kg	0.001	NONE	0.9	1	1	1.2	0.9

Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8	8	-	8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0122	0.009	0.0053	-	0.0231
Total Sulphur	mg/kg	50	MCERTS	650	620	310	-	730
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.019	0.021	0.021	-	0.021
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.9	2.1	2.1	-	2.1
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
----------------------------	-------	---	--------	-------	-------	-------	---	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.16	0.15	< 0.05	-	0.16
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.29	0.22	0.08	-	0.27
Pyrene	mg/kg	0.05	MCERTS	0.26	0.2	0.07	-	0.25
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.16	0.12	0.05	-	0.16
Chrysene	mg/kg	0.05	MCERTS	0.22	0.17	0.05	-	0.2
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.23	0.18	< 0.05	-	0.21
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.09	0.07	< 0.05	-	0.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.16	0.12	0.05	-	0.16
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.08	0.06	< 0.05	-	0.07
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.08	0.08	< 0.05	-	0.1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	1.73	1.37	< 0.80	-	1.68
-----------------------------	-------	-----	-----------	------	------	--------	---	------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794757	2794758	2794759	2794760	2794761
Sample Reference				TP13	TP54	TP55	TP53	TP06
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20
Date Sampled				18/08/2024	21/08/2023	21/08/2024	21/08/2025	21/08/2026
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	24	23	11	-	22
Barium (aqua regia extractable)	mg/kg	1	MCERTS	380	330	120	-	370
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	1.1	0.93	0.43	-	1
Boron (water soluble)	mg/kg	0.2	MCERTS	1.5	0.4	0.8	-	1.2
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	-	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	50	45	20	-	48
Copper (aqua regia extractable)	mg/kg	1	MCERTS	38	34	17	-	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	130	110	55	-	130
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	26	11	-	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	-	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	46	43	21	-	46
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	160	140	61	-	150
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	-	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	None Detected	-	-	None Detected	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794762	2794763	2794764	2794765	2794766
Sample Reference				TP38	TP28	TP07	TP27	TP17
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20
Date Sampled				21/08/2027	21/08/2028	22/08/2023	22/08/2024	23/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	12	4.8	13	18
Total mass of sample received	kg	0.001	NONE	0.8	1	0.8	0.9	0.5

Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	-	7.3	-	8.1
Total Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.063	-	0.004	-	0.0226
Total Sulphur	mg/kg	50	MCERTS	900	-	< 50	-	620
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.018	-	0.0074	-	0.022
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.8	-	0.7	-	2.2
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
----------------------------	-------	---	--------	-------	---	-------	---	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.17	-	< 0.05	-	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.09	-	< 0.05	-	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.07	-	< 0.05	-	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.15	-	< 0.05	-	0.09
Anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.16	-	< 0.05	-	0.14
Pyrene	mg/kg	0.05	MCERTS	0.15	-	< 0.05	-	0.12
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	-	< 0.05	-	0.08
Chrysene	mg/kg	0.05	MCERTS	0.14	-	< 0.05	-	0.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.16	-	< 0.05	-	0.11
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.06	-	< 0.05	-	0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.12	-	< 0.05	-	0.08
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.07	-	< 0.05	-	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	-	< 0.05	-	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.08	-	< 0.05	-	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	1.52	-	< 0.80	-	< 0.80
-----------------------------	-------	-----	-----------	------	---	--------	---	--------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794762	2794763	2794764	2794765	2794766
Sample Reference				TP38	TP28	TP07	TP27	TP17
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20
Date Sampled				21/08/2027	21/08/2028	22/08/2023	22/08/2024	23/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	24	-	< 1.0	-	27
Barium (aqua regia extractable)	mg/kg	1	MCERTS	320	-	6.6	-	410
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	1.1	-	< 0.06	-	1.2
Boron (water soluble)	mg/kg	0.2	MCERTS	1.6	-	< 0.2	-	1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	-	< 0.2	-	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	-	< 1.8	-	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	51	-	2	-	57
Copper (aqua regia extractable)	mg/kg	1	MCERTS	36	-	9.1	-	38
Lead (aqua regia extractable)	mg/kg	1	MCERTS	120	-	2.6	-	150
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	-	< 0.3	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	-	< 1.0	-	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	-	< 1.0	-	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	46	-	1.6	-	52
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	160	-	5.9	-	170
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	-	< 10	-	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	-	< 0.1	-	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	None Detected	-	None Detected	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794767	2794768	2794769	2794770	2794771
Sample Reference				TP26	TP01	BH12	BH12	BH24
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.80	2.90	0.20
Date Sampled				23/08/2024	23/08/2025	14/08/2023	14/08/2023	15/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	17	29	58	12
Total mass of sample received	kg	0.001	NONE	0.9	0.3	0.4	0.4	0.3

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	KWB	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	7.9	8	5.8	8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0161	0.0126	0.0711	0.532	0.0121
Total Sulphur	mg/kg	50	MCERTS	510	760	920	6300	530
Organic Matter	%	0.1	MCERTS	-	-	-	17	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.018	0.022	0.018	-	0.019
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	0.096	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.8	2.2	1.7	-	1.9
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	9.6	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
----------------------------	-------	---	--------	-------	-------	-------	-------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.23	0.29	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.09	0.11	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.08	0.06	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.16	< 0.05	0.21	0.08	0.12
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.21	< 0.05	0.23	< 0.05	0.22
Pyrene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.22	< 0.05	0.19
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.13	< 0.05	0.14	< 0.05	0.12
Chrysene	mg/kg	0.05	MCERTS	0.16	< 0.05	0.17	< 0.05	0.16
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.16	< 0.05	0.18	< 0.05	0.17
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	0.08	< 0.05	0.07
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.12	< 0.05	0.14	< 0.05	0.12
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.08	< 0.05	0.06
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.09	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	1.33	< 0.80	1.94	< 0.80	1.23
-----------------------------	-------	-----	-----------	------	--------	------	--------	------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794767	2794768	2794769	2794770	2794771
Sample Reference				TP26	TP01	BH12	BH12	BH24
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.80	2.90	0.20
Date Sampled				23/08/2024	23/08/2025	14/08/2023	14/08/2023	15/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	19	23	20	6.6	19
Barium (aqua regia extractable)	mg/kg	1	MCERTS	290	370	230	38	240
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.74	0.98	0.72	0.34	0.79
Boron (water soluble)	mg/kg	0.2	MCERTS	0.9	1.6	0.9	3.2	1.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	47	35	5.2	39
Copper (aqua regia extractable)	mg/kg	1	MCERTS	27	36	25	9.6	24
Lead (aqua regia extractable)	mg/kg	1	MCERTS	91	120	89	4.1	97
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	22	28	22	7.7	20
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	34	44	33	12	34
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	120	160	110	18	130
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	20	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	None Detected	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794772	2794773	2794774	2794775	2794776
Sample Reference				BH14	BH23	BH15	BH16	BH18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.90	0.20	0.30-0.40	1.50	1.80
Date Sampled				15/08/2023	15/08/2023	16/08/2023	16/08/2023	20/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	14	6.3	15	16
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3	0.4	0.3

Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	KWB	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.1	8.2	6.1	6.7
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0411	0.056	0.0056	0.0557	0.0095
Total Sulphur	mg/kg	50	MCERTS	380	790	94	180	< 50
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.0084	0.019	0.011	0.0021	0.0038
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.8	1.9	1.1	0.2	0.4
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
----------------------------	-------	---	--------	-------	-------	-------	-------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.15	0.12	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.19	0.18	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.19	0.17	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.11	0.1	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.15	0.14	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.16	0.14	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.06	0.06	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.11	0.09	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.07	0.06	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.08	0.07	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	1.27	1.13	< 0.80	< 0.80	< 0.80
-----------------------------	-------	-----	-----------	------	------	--------	--------	--------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794772	2794773	2794774	2794775	2794776
Sample Reference				BH14	BH23	BH15	BH16	BH18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.90	0.20	0.30-0.40	1.50	1.80
Date Sampled				15/08/2023	15/08/2023	16/08/2023	16/08/2023	20/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
	Heavy Metals / Metalloids							
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	18	23	1.1	< 1.0	< 1.0
Barium (aqua regia extractable)	mg/kg	1	MCERTS	290	360	12	12	11
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.72	0.93	< 0.06	0.12	0.14
Boron (water soluble)	mg/kg	0.2	MCERTS	1	1.5	0.2	0.2	0.2
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	47	2	3.7	3.4
Copper (aqua regia extractable)	mg/kg	1	MCERTS	21	34	3	5.9	10
Lead (aqua regia extractable)	mg/kg	1	MCERTS	82	120	4.5	3.4	3.9
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	27	< 1.0	4.1	4.6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	33	40	1.7	3.2	4.9
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	180	4.2	12	14
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number	2794777			2794778			2794779			2794780			2794781		
Sample Reference	BH19			BH10			BH09			BH22			BH21		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	4.50			1.50			0.10			0.50			0.10		
Date Sampled	20/08/2023			20/08/2023			21/08/2023			21/08/2023			21/08/2023		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Moisture Content	%	0.01	NONE	21	79	13	21	3.2							
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.5	0.3	0.3							

Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	KWB	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	4.2	6	-	7.8	5.2
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.717	0.857	-	0.0391	0.0036
Total Sulphur	mg/kg	50	MCERTS	6400	2400	-	440	77
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.011	-	-	0.043	0.0097
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	0.19	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.1	-	-	4.3	1
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
----------------------------	-------	---	--------	-------	-------	---	-------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	1.1	-	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.3	-	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.18	-	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.2	-	0.06	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.05	-	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.11	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.1	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.08	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	-	0.1	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	-	0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.07	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	1.78	-	< 0.80	< 0.80
-----------------------------	-------	-----	-----------	--------	------	---	--------	--------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794777	2794778	2794779	2794780	2794781
Sample Reference				BH19	BH10	BH09	BH22	BH21
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.50	1.50	0.10	0.50	0.10
Date Sampled				20/08/2023	20/08/2023	21/08/2023	21/08/2023	21/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.3	4.4	-	10	1.9
Barium (aqua regia extractable)	mg/kg	1	MCERTS	28	48	-	150	8.1
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.16	0.61	-	0.63	0.08
Boron (water soluble)	mg/kg	0.2	MCERTS	0.4	8.2	-	1.2	0.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	U/S	-	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	4.1	6.5	-	24	3.3
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.7	13	-	14	4.1
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3.2	7.1	-	66	7.6
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	8.3	7.3	-	14	3.1
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	-	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	5.6	15	-	25	6.2
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	19	10	-	73	9.1
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	37	-	< 10	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	-	< 0.1	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	-	None Detected	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794782	2794783	2794784	2794785	2794786
Sample Reference				BH21	BH01	BH11	BH20	BH20
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.80	0.20	0.20	0.55	1.50
Date Sampled				22/08/2023	22/08/2023	23/08/2023	23/08/2023	23/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	21	15	15	15
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.4	0.4	0.6

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	KWB	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.7	7.9	8.1	7.9	7.4
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0028	0.0649	0.0096	0.0248	0.0414
Total Sulphur	mg/kg	50	MCERTS	< 50	730	710	170	52
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.0021	0.028	0.02	0.054	0.0018
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	-	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.2	2.8	2	5.4	0.2
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	-	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
----------------------------	-------	---	--------	-------	-------	-------	-------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.18	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.08	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.11	0.14	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.19	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.13	0.17	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.12	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.08	0.14	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.12	0.2	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.06	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.1	0.11	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.05	0.07	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.09	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	1.22	1.29	< 0.80	< 0.80
-----------------------------	-------	-----	-----------	--------	------	------	--------	--------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794782	2794783	2794784	2794785	2794786
Sample Reference				BH21	BH01	BH11	BH20	BH20
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.80	0.20	0.20	0.55	1.50
Date Sampled				22/08/2023	22/08/2023	23/08/2023	23/08/2023	23/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
				Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	1	16	22	5.1	1.1
Barium (aqua regia extractable)	mg/kg	1	MCERTS	5.2	230	410	60	7
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.08	0.7	1.1	0.33	0.11
Boron (water soluble)	mg/kg	0.2	MCERTS	0.3	0.7	1.6	1.3	0.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	2.4	30	49	9.8	3.4
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.3	24	33	8.1	9.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	2.2	83	130	27	3.3
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.4	19	31	6.4	4.6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	3.7	31	46	15	3.5
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	8.4	97	160	29	14
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	-	-	None Detected	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number	2794787		2794788		2794789		2794790		2794791	
Sample Reference	BH02		BH02		BH04		BH04		BH05	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.70		0.50		1.50		0.20	
Date Sampled	24/08/2023		24/08/2023		25/08/2023		25/08/2023		25/08/2023	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status							
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	16	11	61	15		
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.4	0.4	0.3		

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	7.8	8.5	6.9	8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0156	0.0072	0.0125	0.24	0.122
Total Sulphur	mg/kg	50	MCERTS	140	< 50	190	4100	870
Organic Matter	%	0.1	MCERTS	-	-	-	21	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.0082	< 0.0010	0.003	-	0.022
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-	-	-	0.12	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.8	< 0.1	0.3	-	2.2
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-	-	-	12	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
----------------------------	-------	---	--------	-------	-------	-------	-------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.62	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.24	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.16	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.17	0.26
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	< 0.05	0.41
Pyrene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	< 0.05	0.4
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.25
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.25
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.35
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.24
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.14
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.18

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	< 0.80	< 0.80	1.24	2.58
-----------------------------	-------	-----	-----------	--------	--------	--------	------	------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794787	2794788	2794789	2794790	2794791
Sample Reference				BH02	BH02	BH04	BH04	BH05
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.70	0.50	1.50	0.20
Date Sampled				24/08/2023	24/08/2023	25/08/2023	25/08/2023	25/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.8	3	9.9	3	28
Barium (aqua regia extractable)	mg/kg	1	MCERTS	56	10	100	73	380
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.31	0.19	0.36	0.49	1.1
Boron (water soluble)	mg/kg	0.2	MCERTS	0.6	0.4	0.3	5.5	2.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	U/S	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11	4.1	12	6.8	55
Copper (aqua regia extractable)	mg/kg	1	MCERTS	10	5.4	9.4	17	55
Lead (aqua regia extractable)	mg/kg	1	MCERTS	28	4.3	39	6.4	140
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	8.2	5.5	11	4.6	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	13	8.8	18	20	47
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	40	13	49	5.5	190
Petroleum Hydrocarbons								
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10	< 10	< 10	140	53
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Pesticide and Herbicide Screen								
GCMS Pesticide Screen		N/A	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794792
Sample Reference				BH05
Sample Number				None Supplied
Depth (m)				2.00
Date Sampled				25/08/2023
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	16
Total mass of sample received	kg	0.001	NONE	0.4

Asbestos in Soil	Type	N/A	ISO 17025	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.2
Total Cyanide	mg/kg	1	MCERTS	< 1.0
Complex Cyanide	mg/kg	1	MCERTS	< 1.0
Free Cyanide	mg/kg	1	MCERTS	< 1.0
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0384
Total Sulphur	mg/kg	50	MCERTS	160
Organic Matter	%	0.1	MCERTS	-
Fraction Organic Carbon (FOC) Automated	N/A	0.001	MCERTS	0.0036
Fraction Organic Carbon (FOC)	N/A	0.001	MCERTS	-
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.4
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	-

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0
----------------------------	-------	---	--------	-------

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80
-----------------------------	-------	-----	-----------	--------

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794792
Sample Reference				BH05
Sample Number				None Supplied
Depth (m)				2.00
Date Sampled				25/08/2023
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Barium (aqua regia extractable)	mg/kg	1	MCERTS	14
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.14
Boron (water soluble)	mg/kg	0.2	MCERTS	0.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	3.3
Copper (aqua regia extractable)	mg/kg	1	MCERTS	7.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	7.8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	4.5
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	4
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	11
Petroleum Hydrocarbons				
TPH C10 - C40 _{EH_CU_ID_TOTAL}	mg/kg	10	MCERTS	< 10
TPH2 (C6 - C10) _{HS_ID_TOTAL}	mg/kg	0.1	NONE	< 0.1
Pesticide and Herbicide Screen				
GCMS Pesticide Screen		N/A	NONE	-

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794793	2794794	2794795	2794796	2794797
Sample Reference				TP50	TP25	TP22	TP29	TP40
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60-0.70	0.10-0.20	0.10-0.20	0.50-0.60	0.40-0.50
Date Sampled				15/08/2023	15/08/2023	15/08/2023	16/08/2023	17/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status					

General Inorganics

pH (automated)	pH Units	N/A	ISO 17025	7.7	7.9	8	7.7	7.8
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Sulphate as SO ₄	mg/l	0.1	ISO 17025	2.8	2.6	3.6	21.4	5.5

Heavy Metals / Metalloids

Arsenic (dissolved)	µg/l	1	ISO 17025	1.6	< 1.0	1.8	2.9	< 1.0
Barium (dissolved)	µg/l	0.05	ISO 17025	14	64	85	110	28
Beryllium (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Boron (dissolved)	µg/l	10	ISO 17025	12	29	22	76	37
Cadmium (dissolved)	µg/l	0.08	ISO 17025	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Chromium (dissolved)	µg/l	0.4	ISO 17025	1.5	2.2	3.4	< 0.4	0.6
Copper (dissolved)	µg/l	0.7	ISO 17025	19	18	18	25	41
Lead (dissolved)	µg/l	1	ISO 17025	1.7	1.9	4.3	< 1.0	< 1.0
Mercury (dissolved)	µg/l	0.5	ISO 17025	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (dissolved)	µg/l	0.3	ISO 17025	2.1	1.8	1.8	2.1	2
Selenium (dissolved)	µg/l	4	ISO 17025	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Vanadium (dissolved)	µg/l	1.7	ISO 17025	3	< 1.7	4.8	< 1.7	1.9
Zinc (dissolved)	µg/l	0.4	ISO 17025	13	13	18	32	21

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794798	2794799	2794800	2794801	2794802
Sample Reference				TP49	TP16	TP17	TP01	BH23
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.10-0.20	0.10-0.20	0.10-0.20	0.20
Date Sampled				17/08/2023	18/08/2023	22/08/2023	23/08/2023	16/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status					

General Inorganics

pH (automated)	pH Units	N/A	ISO 17025	8	7.9	8	8	8
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Sulphate as SO ₄	mg/l	0.1	ISO 17025	3.5	2.3	7.1	5.8	6

Heavy Metals / Metalloids

Arsenic (dissolved)	µg/l	1	ISO 17025	< 1.0	3.2	2.6	< 1.0	4.9
Barium (dissolved)	µg/l	0.05	ISO 17025	85	81	98	130	80
Beryllium (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Boron (dissolved)	µg/l	10	ISO 17025	50	27	47	58	39
Cadmium (dissolved)	µg/l	0.08	ISO 17025	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Chromium (dissolved)	µg/l	0.4	ISO 17025	2.6	5.2	2.2	5.8	3.7
Copper (dissolved)	µg/l	0.7	ISO 17025	17	31	17	27	24
Lead (dissolved)	µg/l	1	ISO 17025	1.8	6.7	2.7	9.6	7.5
Mercury (dissolved)	µg/l	0.5	ISO 17025	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (dissolved)	µg/l	0.3	ISO 17025	2	4.2	2.1	3.5	2.1
Selenium (dissolved)	µg/l	4	ISO 17025	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Vanadium (dissolved)	µg/l	1.7	ISO 17025	3.8	6.5	< 1.7	5.9	4.7
Zinc (dissolved)	µg/l	0.4	ISO 17025	14	29	18	22	19

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number: 23-53529
Project / Site name: Lincolnshire Lakes

Lab Sample Number				2794803	2794804	2794805	2794806	2794807
Sample Reference				BH22	BH21	BH21	BH01	BH02
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.10	0.80	0.20	0.70
Date Sampled				22/08/2023	22/08/2023	23/08/2023	23/08/2023	24/08/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status					

General Inorganics

pH (automated)	pH Units	N/A	ISO 17025	8.1	5.8	6.1	7.9	7.1
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Sulphate as SO ₄	mg/l	0.1	ISO 17025	17.8	1.8	1	3.7	3.2

Heavy Metals / Metalloids

Arsenic (dissolved)	µg/l	1	ISO 17025	1.8	2.9	< 1.0	1.1	< 1.0
Barium (dissolved)	µg/l	0.05	ISO 17025	54	15	1.3	52	3.5
Beryllium (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Boron (dissolved)	µg/l	10	ISO 17025	62	< 10	< 10	24	< 10
Cadmium (dissolved)	µg/l	0.08	ISO 17025	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
Chromium (dissolved)	µg/l	0.4	ISO 17025	2.3	3.1	< 0.4	1.7	< 0.4
Copper (dissolved)	µg/l	0.7	ISO 17025	32	56	21	21	12
Lead (dissolved)	µg/l	1	ISO 17025	2.7	2.6	< 1.0	2.8	< 1.0
Mercury (dissolved)	µg/l	0.5	ISO 17025	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nickel (dissolved)	µg/l	0.3	ISO 17025	2.5	3.9	0.6	2.2	0.8
Selenium (dissolved)	µg/l	4	ISO 17025	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Vanadium (dissolved)	µg/l	1.7	ISO 17025	5.8	13	3.2	3.2	3.3
Zinc (dissolved)	µg/l	0.4	ISO 17025	20	22	8.7	15	5.8

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 23-53529
Project / Site name: Lincolnshire Lakes

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2794732	TP50	None Supplied	0.10-0.20	Brown loam and clay with gravel and vegetation.
2794733	TP51	None Supplied	0.10-0.20	Brown clay.
2794734	TP42	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794735	TP25	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794736	TP25	None Supplied	0.30-0.40	Brown sandy loam with gravel.
2794737	TP23	None Supplied	0.10-0.20	Brown loam and sand with gravel.
2794738	TP18	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794740	TP20	None Supplied	0.20-0.30	Brown clay and loam with gravel and vegetation.
2794741	TP21	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794742	TP44	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794743	TP29	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794744	TP30	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794745	TP32	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794746	TP33	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794747	TP35	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794748	TP36	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794750	TP40	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794751	TP37	None Supplied	0.20-0.30	Brown loam and sand with gravel and vegetation.
2794752	TP43	None Supplied	0.20-0.30	Brown loam and sand with gravel and vegetation.
2794753	TP49	None Supplied	0.10-0.20	Brown loam and clay with gravel and vegetation.
2794754	TP52	None Supplied	0.20-0.30	Brown clay and loam with gravel and vegetation.
2794755	TP12	None Supplied	0.10-0.20	Brown clay and loam with vegetation.
2794757	TP13	None Supplied	0.10-0.20	Brown clay and loam with vegetation.
2794758	TP54	None Supplied	0.10-0.20	Brown clay and loam with vegetation.
2794759	TP55	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794760	TP53	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794761	TP06	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794762	TP38	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794763	TP28	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794764	TP07	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2794765	TP27	None Supplied	0.10-0.20	Brown clay and loam with gravel and vegetation.
2794766	TP17	None Supplied	0.10-0.20	Brown loam and clay with gravel and vegetation.
2794767	TP26	None Supplied	0.10-0.20	Brown loam and clay with gravel and vegetation.
2794768	TP01	None Supplied	0.10-0.20	Brown loam and clay with gravel and vegetation.
2794769	BH12	None Supplied	0.8	Brown clay.
2794770	BH12	None Supplied	2.9	Brown clay and loam.
2794771	BH24	None Supplied	0.2	Brown clay and loam.
2794772	BH14	None Supplied	0.9	Brown loam and clay with brick and gravel
2794773	BH23	None Supplied	0.2	Brown clay.
2794774	BH15	None Supplied	0.30-0.40	Brown sandy loam with gravel and vegetation.
2794775	BH16	None Supplied	1.5	Brown clay and sand.
2794776	BH18	None Supplied	1.8	Brown clay and sand.
2794777	BH19	None Supplied	4.5	Brown clay and sand with vegetation.
2794778	BH10	None Supplied	1.5	3.5.19.0
2794779	BH09	None Supplied	0.1	Brown clay and sand.
2794780	BH22	None Supplied	0.5	Brown clay and sand.
2794781	BH21	None Supplied	0.1	Brown loam and sand with gravel and vegetation.
2794782	BH21	None Supplied	0.8	Brown sandy clay.
2794783	BH01	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2794784	BH11	None Supplied	0.2	Brown loam and clay with vegetation.
2794785	BH20	None Supplied	0.55	Brown loam and sand with gravel and vegetation.
2794786	BH20	None Supplied	1.5	Brown clay and sand.
2794787	BH02	None Supplied	0.2	Brown clay and sand.
2794788	BH02	None Supplied	0.7	Brown sand.
2794789	BH04	None Supplied	0.5	Brown clay and sand with vegetation.
2794790	BH04	None Supplied	1.5	3.5.19.3
2794791	BH05	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2794792	BH05	None Supplied	2	Brown clay and sand.

Analytical Report Number : 23-53529
Project / Site name: Lincolnshire Lakes

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
BS EN 12457-1 (2:1) Leachate Prep	2:1 (as received, moisture adjusted) end over end extraction with water for 24 hours. Eluate filtered prior to analysis.	In-house method based on BSEN12457-1.	L043-PL	W	NONE
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Metals by ICP-OES in leachate	Determination of metals in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Boron in leachate	Determination of boron in leachate. Sample acidified and followed by ICP-OES.	In-house method based on MEWAM	L039-PL	W	ISO 17025
Boron, water soluble, in soil	Determination of water soluble boron in soil by hot water extract followed by ICP-OES.	In-house method based on Second Site Properties version 3	L038-PL	D	MCERTS
Complex Cyanide in soil	Determination of complex cyanide by calculation.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Free cyanide in soil	Determination of free cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Fraction of Organic Carbon in soil	Determination of fraction of organic carbon in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Organic matter in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
pH at 20oC in leachate (automated)	Determination of pH in leachate by electrometric measurement.	In house method.	L099B	W	ISO 17025

Analytical Report Number : 23-53529
Project / Site name: Lincolnshire Lakes

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
TPH2 (Soil)	Determination of hydrocarbons C6-C10 by headspace GC-MS.	In-house method based on USEPA8260	L088-PL	W	NONE
Total cyanide in leachate	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	ISO 17025
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
GC Pesticide Screen (TIC)	Analysis of unknown pesticides by GCMS	GC Pesticide Screen (TIC)	L064B	D	NONE
Total organic carbon in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023-PL	D	MCERTS
TPH Banding in Soil by FID	Determination of hexane extractable hydrocarbons in soil by GC-FID.	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	MCERTS
Sulphate in leachates	Determination of sulphate in leachate by acidification followed by ICP-OES.	In-house method based on MEWAM 1986 Methods for the Determination of Metals in Soil"	L039-PL	W	ISO 17025
Fraction Organic Carbon FOC Automated	Determination of fraction of organic carbon in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method	L009	D	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Analytical Report Number : 23-53529
Project / Site name: Lincolnshire Lakes

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
----------------------	-------------------------------	-----------------------------	---------------	--------------------	----------------------

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 23-53529

Project / Site name: Lincolnshire Lakes

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
BH01	None Supplied	S	2794783	c	Free cyanide in soil	L080-PL	c
BH01	None Supplied	S	2794783	c	Complex Cyanide in soil	L080-PL	c
BH01	None Supplied	S	2794783	c	Total cyanide in soil	L080-PL	c
BH10	None Supplied	S	2794778	c	Free cyanide in soil	L080-PL	c
BH10	None Supplied	S	2794778	c	Complex Cyanide in soil	L080-PL	c
BH10	None Supplied	S	2794778	c	Total cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794769	c	Free cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794769	c	Complex Cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794769	c	Total cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794770	c	Free cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794770	c	Complex Cyanide in soil	L080-PL	c
BH12	None Supplied	S	2794770	c	Total cyanide in soil	L080-PL	c
BH14	None Supplied	S	2794772	c	Free cyanide in soil	L080-PL	c
BH14	None Supplied	S	2794772	c	Complex Cyanide in soil	L080-PL	c
BH14	None Supplied	S	2794772	c	Total cyanide in soil	L080-PL	c
BH15	None Supplied	S	2794774	c	Free cyanide in soil	L080-PL	c
BH15	None Supplied	S	2794774	c	Complex Cyanide in soil	L080-PL	c
BH15	None Supplied	S	2794774	c	Total cyanide in soil	L080-PL	c
BH16	None Supplied	S	2794775	c	Free cyanide in soil	L080-PL	c
BH16	None Supplied	S	2794775	c	Complex Cyanide in soil	L080-PL	c
BH16	None Supplied	S	2794775	c	Total cyanide in soil	L080-PL	c
BH18	None Supplied	S	2794776	c	Free cyanide in soil	L080-PL	c
BH18	None Supplied	S	2794776	c	Complex Cyanide in soil	L080-PL	c
BH18	None Supplied	S	2794776	c	Total cyanide in soil	L080-PL	c
BH19	None Supplied	S	2794777	c	Free cyanide in soil	L080-PL	c
BH19	None Supplied	S	2794777	c	Complex Cyanide in soil	L080-PL	c
BH19	None Supplied	S	2794777	c	Total cyanide in soil	L080-PL	c
BH20	None Supplied	S	2794786	b	Monohydric phenols in soil	L080-PL	b
BH20	None Supplied	S	2794786	b	Speciated EPA-16 PAHs in soil	L064-PL	b
BH20	None Supplied	S	2794786	b	TPH2 (Soil)	L088-PL	b
BH21	None Supplied	S	2794781	c	Free cyanide in soil	L080-PL	c
BH21	None Supplied	S	2794781	c	Complex Cyanide in soil	L080-PL	c
BH21	None Supplied	S	2794781	c	Total cyanide in soil	L080-PL	c
BH21	None Supplied	S	2794782	c	Free cyanide in soil	L080-PL	c
BH21	None Supplied	S	2794782	c	Complex Cyanide in soil	L080-PL	c
BH21	None Supplied	S	2794782	c	Total cyanide in soil	L080-PL	c
BH22	None Supplied	S	2794780	c	Free cyanide in soil	L080-PL	c
BH22	None Supplied	S	2794780	c	Complex Cyanide in soil	L080-PL	c
BH22	None Supplied	S	2794780	c	Total cyanide in soil	L080-PL	c
BH23	None Supplied	S	2794773	c	Free cyanide in soil	L080-PL	c
BH23	None Supplied	S	2794773	c	Complex Cyanide in soil	L080-PL	c
BH23	None Supplied	S	2794773	c	Total cyanide in soil	L080-PL	c
BH24	None Supplied	S	2794771	c	Free cyanide in soil	L080-PL	c
BH24	None Supplied	S	2794771	c	Complex Cyanide in soil	L080-PL	c
BH24	None Supplied	S	2794771	c	Total cyanide in soil	L080-PL	c
TP07	None Supplied	S	2794764	c	Free cyanide in soil	L080-PL	c
TP07	None Supplied	S	2794764	c	Complex Cyanide in soil	L080-PL	c
TP07	None Supplied	S	2794764	c	Total cyanide in soil	L080-PL	c
TP18	None Supplied	S	2794738	c	Free cyanide in soil	L080-PL	c
TP18	None Supplied	S	2794738	c	Complex Cyanide in soil	L080-PL	c
TP18	None Supplied	S	2794738	c	Total cyanide in soil	L080-PL	c
TP20	None Supplied	S	2794740	c	Free cyanide in soil	L080-PL	c
TP20	None Supplied	S	2794740	c	Complex Cyanide in soil	L080-PL	c
TP20	None Supplied	S	2794740	c	Total cyanide in soil	L080-PL	c
TP21	None Supplied	S	2794741	c	Free cyanide in soil	L080-PL	c
TP21	None Supplied	S	2794741	c	Complex Cyanide in soil	L080-PL	c
TP21	None Supplied	S	2794741	c	Total cyanide in soil	L080-PL	c
TP23	None Supplied	S	2794737	c	Free cyanide in soil	L080-PL	c

Sample Deviation Report



Analytical Report Number : 23-53529

Project / Site name: Lincolnshire Lakes

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
TP23	None Supplied	S	2794737	c	Complex Cyanide in soil	L080-PL	c
TP23	None Supplied	S	2794737	c	Total cyanide in soil	L080-PL	c
TP25	None Supplied	S	2794735	c	Free cyanide in soil	L080-PL	c
TP25	None Supplied	S	2794735	c	Complex Cyanide in soil	L080-PL	c
TP25	None Supplied	S	2794735	c	Total cyanide in soil	L080-PL	c
TP29	None Supplied	S	2794743	c	Free cyanide in soil	L080-PL	c
TP29	None Supplied	S	2794743	c	Complex Cyanide in soil	L080-PL	c
TP29	None Supplied	S	2794743	c	Total cyanide in soil	L080-PL	c
TP32	None Supplied	S	2794745	c	Free cyanide in soil	L080-PL	c
TP32	None Supplied	S	2794745	c	Complex Cyanide in soil	L080-PL	c
TP32	None Supplied	S	2794745	c	Total cyanide in soil	L080-PL	c
TP35	None Supplied	S	2794747	c	Free cyanide in soil	L080-PL	c
TP35	None Supplied	S	2794747	c	Complex Cyanide in soil	L080-PL	c
TP35	None Supplied	S	2794747	c	Total cyanide in soil	L080-PL	c
TP40	None Supplied	S	2794750	c	Free cyanide in soil	L080-PL	c
TP40	None Supplied	S	2794750	c	Complex Cyanide in soil	L080-PL	c
TP40	None Supplied	S	2794750	c	Total cyanide in soil	L080-PL	c
TP42	None Supplied	S	2794734	c	Free cyanide in soil	L080-PL	c
TP42	None Supplied	S	2794734	c	Complex Cyanide in soil	L080-PL	c
TP42	None Supplied	S	2794734	c	Total cyanide in soil	L080-PL	c
TP44	None Supplied	S	2794742	c	Free cyanide in soil	L080-PL	c
TP44	None Supplied	S	2794742	c	Complex Cyanide in soil	L080-PL	c
TP44	None Supplied	S	2794742	c	Total cyanide in soil	L080-PL	c
TP50	None Supplied	S	2794732	c	Free cyanide in soil	L080-PL	c
TP50	None Supplied	S	2794732	c	Complex Cyanide in soil	L080-PL	c
TP50	None Supplied	S	2794732	c	Total cyanide in soil	L080-PL	c
TP51	None Supplied	S	2794733	c	Free cyanide in soil	L080-PL	c
TP51	None Supplied	S	2794733	c	Complex Cyanide in soil	L080-PL	c
TP51	None Supplied	S	2794733	c	Total cyanide in soil	L080-PL	c
TP54	None Supplied	S	2794758	c	Free cyanide in soil	L080-PL	c
TP54	None Supplied	S	2794758	c	Complex Cyanide in soil	L080-PL	c
TP54	None Supplied	S	2794758	c	Total cyanide in soil	L080-PL	c

Appendix 5: Groundwater Chemical Analysis Results



4041



Environmental Science

Oliver Stewart

BWB Consulting Limited
Whitehall Waterfront
2 Riverside Way
Leeds
LS1 4EH

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

e: oliver.stewart@bwbconsulting.com

Analytical Report Number : 23-62497

Project / Site name:	Lincolnshire Lakes Scunthorpe	Samples received on:	13/10/2023
Your job number:	221638	Samples instructed on/ Analysis started on:	13/10/2023
Your order number:	6300	Analysis completed by:	23/10/2023
Report Issue Number:	1	Report issued on:	31/10/2023
Samples Analysed:	10 water samples		

Signed: _____

Joanna Wawrzeczko
Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :	soils	- 4 weeks from reporting
	leachates	- 2 weeks from reporting
	waters	- 2 weeks from reporting
	asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.



4041



Environmental Science

Analytical Report Number: 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Your Order No: 6300

Lab Sample Number	2844805			2844806			2844807			2844808			2844809		
Sample Reference	BH01			BH03			BH04			BH05			BH10		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Date Sampled	12/10/2023			12/10/2023			12/10/2023			12/10/2023			12/10/2023		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status												

General Inorganics

Parameter	Units	N/A	ISO 17025	7.4	5.8	7	6.9	7.3
pH (L099)	pH Units	N/A	ISO 17025	7.4	5.8	7	6.9	7.3
Electrical Conductivity at 20 °C (L031B)	µS/cm	10	ISO 17025	730	640	1100	1100	1000
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	14
Sulphate as SO4	mg/l	0.045	ISO 17025	87.1	224	128	184	140
Sulphide	µg/l	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloride	mg/l	0.15	ISO 17025	14	58	25	21	21
Ammoniacal Nitrogen as N	µg/l	15	ISO 17025	36	620	480	56	180
Dissolved Organic Carbon (DOC)	mg/l	0.1	ISO 17025	12.8	4.35	6.9	8.07	5.02
Total Organic Carbon (TOC)	mg/l	0.1	ISO 17025	13.3	4.39	7.79	8.74	5.06
Nitrate as N	mg/l	0.01	ISO 17025	18	0.75	0.7	8.64	0.06
Nitrite as N	µg/l	1	ISO 17025	97	200	26	280	3.9
Alkalinity as CaCO3	mg/l	3	ISO 17025	250	36	510	530	580

Parameter	Units	N/A	ISO 17025	456	265	673	746	642
Hardness - Total	mgCaCO3/l	1	ISO 17025	456	265	673	746	642

Total Phenols

Parameter	Units	N/A	ISO 17025	< 10	< 10	< 10	< 10	< 10
Total Phenols (monohydric)	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10

Speciated PAHs

Parameter	Units	N/A	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Total PAH

Parameter	Units	N/A	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16



4041



Environmental Science

Analytical Report Number: 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Your Order No: 6300

Lab Sample Number	2844805			2844806			2844807			2844808			2844809		
Sample Reference	BH01			BH03			BH04			BH05			BH10		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Date Sampled	12/10/2023			12/10/2023			12/10/2023			12/10/2023			12/10/2023		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status												

Heavy Metals / Metalloids

	Units	Limit of detection	Accreditation Status	2844805	2844806	2844807	2844808	2844809
Boron (dissolved)	µg/l	10	ISO 17025	150	140	120	240	260
Calcium (dissolved)	mg/l	0.012	ISO 17025	160	70	230	220	190
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (dissolved)	mg/l	0.004	ISO 17025	0.016	0.079	0.007	0.24	0.052
Fe2+	mg/l	0.2	NONE	< 0.20	< 0.20	< 0.20	0.2	< 0.20
Fe3+	mg/l	0.2	NONE	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Magnesium (dissolved)	mg/l	0.005	ISO 17025	16	22	22	46	38
Mn (II)	mg/l	0.02	NONE	0.1	2.1	0.42	0.15	0.3
Mn (IV)	mg/l	0.02	NONE	< 0.02	0.09	0.03	0.03	< 0.02

Iron (total)	mg/l	0.004	ISO 17025	1.8	65	0.098	1.6	18
Manganese (total)	µg/l	0.05	ISO 17025	94	1900	450	230	360

Arsenic (dissolved)	µg/l	0.15	ISO 17025	1.19	0.21	1.04	1.15	0.74
Barium (dissolved)	µg/l	0.06	ISO 17025	29	110	110	61	64
Beryllium (dissolved)	µg/l	0.1	ISO 17025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.1	0.07	< 0.02	0.06	0.08
Chromium (dissolved)	µg/l	0.2	ISO 17025	0.6	< 0.2	< 0.2	0.2	< 0.2
Copper (dissolved)	µg/l	0.5	ISO 17025	10	2	1.8	6.3	2.4
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	0.2	< 0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	4.1	11	6.6	5.9	3.6
Selenium (dissolved)	µg/l	0.6	ISO 17025	< 0.6	2.1	1.2	0.8	< 0.6
Vanadium (dissolved)	µg/l	0.2	ISO 17025	9.8	< 0.2	1.2	1.4	0.5
Zinc (dissolved)	µg/l	0.5	ISO 17025	20	39	20	18	11

Petroleum Hydrocarbons

TPH1 (C10 - C40) <small>EH_ID_TOTAL_MS</small>	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
--	------	----	-----------	------	------	------	------	------

TPH2 (C6 - C10) <small>HS_ID_TOTAL</small>	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
--	------	----	-----------	------	------	------	------	------

Pesticide and Herbicide Screen

GCMS Pesticide Screen		N/A	NONE	None Detected	None Detected	None Detected	None Detected	None Detected
-----------------------	--	-----	------	---------------	---------------	---------------	---------------	---------------

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number: 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Your Order No: 6300

Lab Sample Number	2844810			2844811			2844812			2844813			2844814		
Sample Reference	BH11			BH17			BH20			BH21			BH23		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Date Sampled	12/10/2023			12/10/2023			12/10/2023			12/10/2023			12/10/2023		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status												

General Inorganics

Parameter	Units	N/A	ISO 17025	7.3	6.2	3.8	5.9	7.2
pH (L099)	pH Units	N/A	ISO 17025	7.3	6.2	3.8	5.9	7.2
Electrical Conductivity at 20 °C (L031B)	µS/cm	10	ISO 17025	730	270	1100	91	710
Total Cyanide	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
Sulphate as SO4	mg/l	0.045	ISO 17025	61.3	12.7	560	13.2	63.2
Sulphide	µg/l	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloride	mg/l	0.15	ISO 17025	9.2	37	61	6.1	9.5
Ammoniacal Nitrogen as N	µg/l	15	ISO 17025	29	530	7200	59	< 15
Dissolved Organic Carbon (DOC)	mg/l	0.1	ISO 17025	19	58.4	6.8	31.9	18.4
Total Organic Carbon (TOC)	mg/l	0.1	ISO 17025	19.3	64	7.31	33.4	18.6
Nitrate as N	mg/l	0.01	ISO 17025	12.6	1.76	0.37	2.52	11.8
Nitrite as N	µg/l	1	ISO 17025	29	< 1.0	4.6	8.8	30
Alkalinity as CaCO3	mg/l	3	ISO 17025	360	55	< 3	9	320

Hardness - Total	mgCaCO3/l	1	ISO 17025	396	107	326	38.4	412
------------------	-----------	---	-----------	-----	-----	-----	------	-----

Total Phenols

Total Phenols (monohydric)	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
----------------------------	------	----	-----------	------	------	------	------	------

Speciated PAHs

Parameter	Units	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	0.01	ISO 17025	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Total PAH

Total EPA-16 PAHs	µg/l	0.16	ISO 17025	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
-------------------	------	------	-----------	--------	--------	--------	--------	--------



4041



Environmental Science

Analytical Report Number: 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Your Order No: 6300

Lab Sample Number				2844810	2844811	2844812	2844813	2844814
Sample Reference				BH11	BH17	BH20	BH21	BH23
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Date Sampled				12/10/2023	12/10/2023	12/10/2023	12/10/2023	12/10/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Water Analysis)	Units	Limit of detection	Accreditation Status					

Heavy Metals / Metalloids

Boron (dissolved)	µg/l	10	ISO 17025	69	47	98	37	70
Calcium (dissolved)	mg/l	0.012	ISO 17025	140	30	61	13	150
Chromium (hexavalent)	µg/l	5	ISO 17025	< 5.0	U/S**	U/S**	< 5.0	< 5.0
Iron (dissolved)	mg/l	0.004	ISO 17025	0.038	16	120	0.35	0.05
Fe2+	mg/l	0.2	NONE	< 0.20	5	27.7	< 0.20	< 0.20
Fe3+	mg/l	0.2	NONE	< 0.20	11	97	0.35	< 0.20
Magnesium (dissolved)	mg/l	0.005	ISO 17025	9.4	7.7	42	1.5	9.6
Mn (II)	mg/l	0.02	NONE	< 0.02	0.35	2.2	0.07	< 0.02
Mn (IV)	mg/l	0.02	NONE	< 0.02	0.05	0.07	0.03	< 0.02

Iron (total)	mg/l	0.004	ISO 17025	1.4	17	130	1.7	1.4
Manganese (total)	µg/l	0.05	ISO 17025	64	380	1800	140	46

Arsenic (dissolved)	µg/l	0.15	ISO 17025	1.66	2.16	0.44	1.16	1.75
Barium (dissolved)	µg/l	0.06	ISO 17025	36	140	72	62	39
Beryllium (dissolved)	µg/l	0.1	ISO 17025	< 0.1	< 0.1	0.3	< 0.1	< 0.1
Cadmium (dissolved)	µg/l	0.02	ISO 17025	0.08	< 0.02	0.15	0.1	0.15
Chromium (dissolved)	µg/l	0.2	ISO 17025	1.2	4.1	0.4	3.7	1
Copper (dissolved)	µg/l	0.5	ISO 17025	7.6	3.8	20	23	7.6
Lead (dissolved)	µg/l	0.2	ISO 17025	< 0.2	1	1.5	1.3	< 0.2
Mercury (dissolved)	µg/l	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (dissolved)	µg/l	0.5	ISO 17025	9.1	9.7	5	5.2	12
Selenium (dissolved)	µg/l	0.6	ISO 17025	< 0.6	< 0.6	1.1	< 0.6	< 0.6
Vanadium (dissolved)	µg/l	0.2	ISO 17025	13	9.3	< 0.2	11	13
Zinc (dissolved)	µg/l	0.5	ISO 17025	14	57	48	27	12

Petroleum Hydrocarbons

TPH1 (C10 - C40) <small>EH_ID_TOTAL_MS</small>	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
--	------	----	-----------	------	------	------	------	------

TPH2 (C6 - C10) <small>HS_ID_TOTAL</small>	µg/l	10	ISO 17025	< 10	< 10	< 10	< 10	< 10
--	------	----	-----------	------	------	------	------	------

Pesticide and Herbicide Screen

GCMS Pesticide Screen		N/A	NONE	None Detected	None Detected	None Detected	None Detected	None Detected
-----------------------	--	-----	------	---------------	---------------	---------------	---------------	---------------

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



4041



Environmental Science

Analytical Report Number : 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in water by ICP-OES (total)	Determination of metals in water by acidification followed by ICP-OES. Accredited matrices: SW PW GW, PrW (Al, Fe, Cu, Zn).	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Metals in water by ICP-MS (total)	Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.	In-house method based on USEPA Method 6020 & 200.8 "for the determination of trace elements in water by ICP-MS.	L012-PL	W	ISO 17025
Metals in water by ICP-MS (dissolved)	Determination of metals in water by acidification followed by ICP-MS. Accredited Matrices: SW, GW, PW except B=SW,GW, Hg=SW,PW, Al=SW,PW.	In-house method based on USEPA Method 6020 & 200.8 "for the determination of trace elements in water by ICP-MS.	L012-PL	W	ISO 17025
Metals in water by ICP-OES (dissolved)	Determination of metals in water by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW, PrW.(Al, Cu,Fe,Zn).	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
Boron in water	Determination of boron in water by acidification followed by ICP-OES. Accredited matrices: SW PW GW	In-house method based on MEWAM	L039-PL	W	ISO 17025
Hexavalent chromium in water	Determination of hexavalent chromium in water by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method by continuous flow analyser. Accredited Matrices SW, GW, PW.	L080-PL	W	ISO 17025
Electrical conductivity at 20oC of water	Determination of electrical conductivity in water by electrometric measurement. Accredited Matrices SW, GW, PW	In-house method	L031-PL	W	ISO 17025
Iron (II) and Iron (III) in water	Determination of Iron II and Iron III in water by coloration with phenanthroline and calculation.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L079-PL	W	NONE
Total Hardness of water	Determination of hardness in waters by calculation from calcium and magnesium. Accredited Matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L045-PL	W	ISO 17025
Monohydric phenols in water	Determination of phenols in water by continuous flow analyser. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	ISO 17025
Speciated EPA-16 PAHs in water	Determination of PAH compounds in water by extraction in dichloromethane followed by GC-MS with the use of surrogate and internal standards. Accredited matrices: SW PW GW	In-house method based on USEPA 8270	L102B-PL	W	ISO 17025
Sulphide in water	Determination of sulphide in water by ion selective electrode.	In-house method	L029-PL	W	NONE
Sulphate in water	Determination of sulphate in water after filtration by acidification followed by ICP-OES. Accredited Matrices SW, GW, PW.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L039-PL	W	ISO 17025
TPH2 (Waters)	Determination of hydrocarbons C6-C10 by headspace GC-MS. Accredited Matrices SW, PW, GW.	In-house method based on USEPA8260	L088-PL	W	ISO 17025
Total cyanide in water	Determination of total cyanide by distillation followed by colorimetry. Accredited matrices: SW PW GW	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	ISO 17025
Total organic carbon in water	Determination of dissolved organic carbon in water by TOC/DOC NDIR analyser. Accredited matrices: SW PW GW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L037-PL	W	ISO 17025



4041



Environmental Science

Analytical Report Number : 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Dissolved Organic Carbon in water	Determination of dissolved inorganic carbon in water by TOC/DOC NDIR Analyser.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L037-PL	W	ISO 17025
Ammoniacal Nitrogen as N in water	Determination of Ammonium/Ammonia/ Ammoniacal Nitrogen by the discrete analyser (colorimetric) salicylate/nitroprusside method. Accredited matrices SW, GW, PW, FSE, LL.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	ISO 17025
Nitrite as N in water	Determination of nitrite in water by addition of sulphaniamide and NED followed by discrete analyser (colorimetry). Accredited matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L082-PL	W	ISO 17025
Nitrate as N in water	Determination of nitrate by reaction with sodium salicylate and colorimetry. Accredited matrices SW, GW, PW.	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08,	L078-PL	W	ISO 17025
pH at 20oC in water (automated)	Determination of pH in water by electrometric measurement. Accredited matrices: SW PW GW	In house method.	L099-PL	W	ISO 17025
GC Pesticide Screen (TIC)	Analysis of unknown pesticides by GCMS	GC Pesticide Screen (TIC)	L102B		NONE
Manganese II and IV in Water	Analysis of manganese compounds by periodate oxidation method.	In house method and calculation based on standard methods for the examination of water and waste water.	L090-PL	W	NONE
TPH1 (Waters)	Determination of dichloromethane extractable hydrocarbons in water by GC-MS.	In-house method	L070-PL	W	ISO 17025
Chloride in water	Determination of Chloride (diissolved) colorimetrically by discrete analyser.	In house based on MEWAM Method ISBN 0117516260. Accredited matrices: SW, PW, GW.	L082-PL	W	ISO 17025



4041



Environmental Science

Analytical Report Number : 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Alkalinity in Water (by discreet analyser)	Determination of Alkalinity by discreet analyser (colorimetry). Accredited matrices: SW, PW, GW.	In house method based on MEWAM & USEPA Method 310.2.	L082-PL	W	ISO 17025

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

*U/S - Unsuitable for analysis due to high colour intensity

Sample Deviation Report



Analytical Report Number : 23-62497

Project / Site name: Lincolnshire Lakes Scunthorpe

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
BH01	None Supplied	W	2844805	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH01	None Supplied	W	2844805	c	Electrical conductivity at 20oC of water	L031-PL	c
BH01	None Supplied	W	2844805	c	Manganese II and IV in Water	L090-PL	c
BH01	None Supplied	W	2844805	c	pH at 20oC in water (automated)	L099-PL	c
BH03	None Supplied	W	2844806	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH03	None Supplied	W	2844806	c	Electrical conductivity at 20oC of water	L031-PL	c
BH03	None Supplied	W	2844806	c	Manganese II and IV in Water	L090-PL	c
BH03	None Supplied	W	2844806	c	pH at 20oC in water (automated)	L099-PL	c
BH04	None Supplied	W	2844807	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH04	None Supplied	W	2844807	c	Electrical conductivity at 20oC of water	L031-PL	c
BH04	None Supplied	W	2844807	c	Manganese II and IV in Water	L090-PL	c
BH04	None Supplied	W	2844807	c	pH at 20oC in water (automated)	L099-PL	c
BH05	None Supplied	W	2844808	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH05	None Supplied	W	2844808	c	Electrical conductivity at 20oC of water	L031-PL	c
BH05	None Supplied	W	2844808	c	Manganese II and IV in Water	L090-PL	c
BH05	None Supplied	W	2844808	c	pH at 20oC in water (automated)	L099-PL	c
BH10	None Supplied	W	2844809	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH10	None Supplied	W	2844809	c	Electrical conductivity at 20oC of water	L031-PL	c
BH10	None Supplied	W	2844809	c	Manganese II and IV in Water	L090-PL	c
BH10	None Supplied	W	2844809	c	pH at 20oC in water (automated)	L099-PL	c
BH11	None Supplied	W	2844810	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH11	None Supplied	W	2844810	c	Electrical conductivity at 20oC of water	L031-PL	c
BH11	None Supplied	W	2844810	c	Manganese II and IV in Water	L090-PL	c
BH11	None Supplied	W	2844810	c	pH at 20oC in water (automated)	L099-PL	c
BH17	None Supplied	W	2844811	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH17	None Supplied	W	2844811	c	Electrical conductivity at 20oC of water	L031-PL	c
BH17	None Supplied	W	2844811	c	Manganese II and IV in Water	L090-PL	c
BH17	None Supplied	W	2844811	c	pH at 20oC in water (automated)	L099-PL	c
BH20	None Supplied	W	2844812	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH20	None Supplied	W	2844812	c	Electrical conductivity at 20oC of water	L031-PL	c
BH20	None Supplied	W	2844812	c	Manganese II and IV in Water	L090-PL	c
BH20	None Supplied	W	2844812	c	pH at 20oC in water (automated)	L099-PL	c
BH21	None Supplied	W	2844813	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH21	None Supplied	W	2844813	c	Electrical conductivity at 20oC of water	L031-PL	c
BH21	None Supplied	W	2844813	c	Manganese II and IV in Water	L090-PL	c
BH21	None Supplied	W	2844813	c	pH at 20oC in water (automated)	L099-PL	c
BH23	None Supplied	W	2844814	c	Ammoniacal Nitrogen as N in water	L082-PL	c
BH23	None Supplied	W	2844814	c	Electrical conductivity at 20oC of water	L031-PL	c
BH23	None Supplied	W	2844814	c	Manganese II and IV in Water	L090-PL	c
BH23	None Supplied	W	2844814	c	pH at 20oC in water (automated)	L099-PL	c

Appendix 6: Geotechnical Laboratory Testing Results



LABORATORY REPORT



Contract Number: PSL23/7758

Report Date: 13 October 2023
Client's Reference: 221638
Client Name: BWB Consultancy
11 Portland Street
Aytoun St Side
Manchester
M1 3HU

For the attention of: Paolo Moniz

Contract Title: Lincolnshire Lakes
Date Received: 13/9/2023
Date Commenced: 13/9/2023
Date Completed: 13/10/2023

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. 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 other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins
(Director)

R Berriman
(Quality Manager)

S Royle
(Laboratory Manager)

L Knight
(Assistant Laboratory Manager)

S Eyre
(Senior Technician)

T Watkins
(Senior Technician)

5 – 7 Hexthorpe Road,
Hexthorpe,
Doncaster,
DN4 0AR
Tel: 01302 768098
Email: rberriman@prosoils.co.uk
awatkins@prosoils.co.uk

Page 1 of

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
TP50		B	1.20	1.50	Brown slightly sandy CLAY.
TP50		D	1.40		Brown slightly sandy CLAY.
TP50		D	1.70		Dark brown fibrous PEAT.
TP51		B	0.40	0.80	Brown slightly sandy CLAY.
TP42		D	0.50		Brown sandy CLAY.
TP42		B	1.40	1.80	Brown sandy CLAY.
TP42		D	1.60		Brown & grey slightly sandy CLAY.
TP42		B	2.00	2.50	Brown slightly clayey SAND.
TP25		D	0.50		Brown silty SAND.
TP25		B	1.00	1.50	Brown slightly silty SAND.
TP24		D	0.30		Brown very sandy CLAY.
TP24		D	1.50		Brown silty SAND.
TP19		B	1.10	1.30	Brown slightly gravelly sandy CLAY.
TP19		D	1.20		Grey & brown slightly sandy CLAY.
TP18		B	0.50	1.00	Brown very sandy CLAY.
TP22		B	1.50	2.00	Brown slightly clayey silty SAND with some organic material.
TP22		D	2.00		Brown slightly clayey silty SAND.
TP20		D	2.00	2.10	Brown slightly sandy CLAY with some organic material.
TP20		B	0.70	1.20	Brown slightly gravelly sandy CLAY.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
TP44		B	1.00	1.50	Brown slightly silty SAND.
TP44		D	1.75		Brown silty SAND.
TP29		B	1.00	1.50	Brown slightly silty SAND.
TP31		D	0.30		Dark brown clayey PEAT.
TP31		D	1.50		Brown silty SAND.
TP30		D	1.50		Brown silty SAND.
TP32		B	1.50	2.00	Brown slightly silty SAND.
TP36		B	1.50	2.00	Brown slightly silty SAND.
TP39		D	1.00		Brown silty SAND.
TP40		D	0.50		Dark brown organic CLAY.
TP40		B	1.00	1.50	Brown slightly silty SAND.
TP43		D	0.70		Dark brown clayey PEAT.
TP52		D	1.05		Dark brown organic CLAY.
TP52		B	1.20	1.70	Brown slightly silty SAND.
TP12		D	0.60		Brown slightly sandy CLAY.
TP12		B	1.00	1.40	Dark brown slightly clayey PEAT.
TP45		B	0.70	1.20	Brown slightly sandy CLAY.
TP56		B	1.80	2.20	Brown slightly silty SAND.
TP55		B	0.80	1.20	Brown silty SAND.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
TP53		D	0.55		Dark brown slightly clayey silty SAND with some organic material.
TP06		B	0.50	1.00	Brown sandy CLAY.
TP06		D	1.80		Grey & brown slightly sandy CLAY.
TP38		D	0.70		Brown slightly sandy CLAY.
TP38		D	2.00		Brown silty SAND.
TP28		B	1.00	1.35	Brown slightly gravelly slightly clayey silty SAND.
TP47		B	0.50	1.00	Brown slightly sandy CLAY.
TP46		D	1.20		Brown silty SAND.
TP46		B	1.70	2.20	Brown silty SAND.
TP04		D	1.00		Brown slightly sandy CLAY.
TP04		D	1.30		Dark brown organic CLAY.
TP08		B	0.70	1.20	Brown slightly gravelly sandy CLAY.
TP27		D	1.00		Brown slightly sandy CLAY.
TP27		D	1.60		Brown slightly clayey silty SAND.
TP17		B	0.40	0.90	Brown sandy CLAY.
TP26		D	2.00		Brown silty SAND.
TP01		D	0.50		Brown slightly sandy CLAY.
TP03		B	1.80	2.30	Brown slightly clayey silty SAND.
BH12		D	1.10		Dark brown peaty CLAY.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
TP50		D	1.40		34			63	27	36	100	High Plasticity CH
TP50		D	1.70		419				NP			
TP51		B	0.40	0.80	35		2.67	68	29	39	100	High Plasticity CH
TP42		D	0.50		39							
TP42		B	1.40	1.80			2.65					
TP42		D	1.60		50		2.69	65	27	38	100	High Plasticity CH
TP25		D	0.50		18							
TP24		D	0.30		15							
TP24		D	1.50		18							
TP19		D	1.20		59			60	26	34	100	High Plasticity CH
TP22		B	1.50	2.00			2.41					
TP22		D	2.00		21							
TP20		D	2.00	2.10	60			79	32	47	100	Very High Plasticity CV
TP44		B	1.00	1.50			2.43					
TP44		D	1.75		19							
TP31		D	0.30		362			401	124	277	100	Extremely High Plasticity ME
TP31		D	1.50		21							
TP30		D	1.50		18							
TP32		B	1.50	2.00	19		2.48					

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



Lincolnshire Lakes

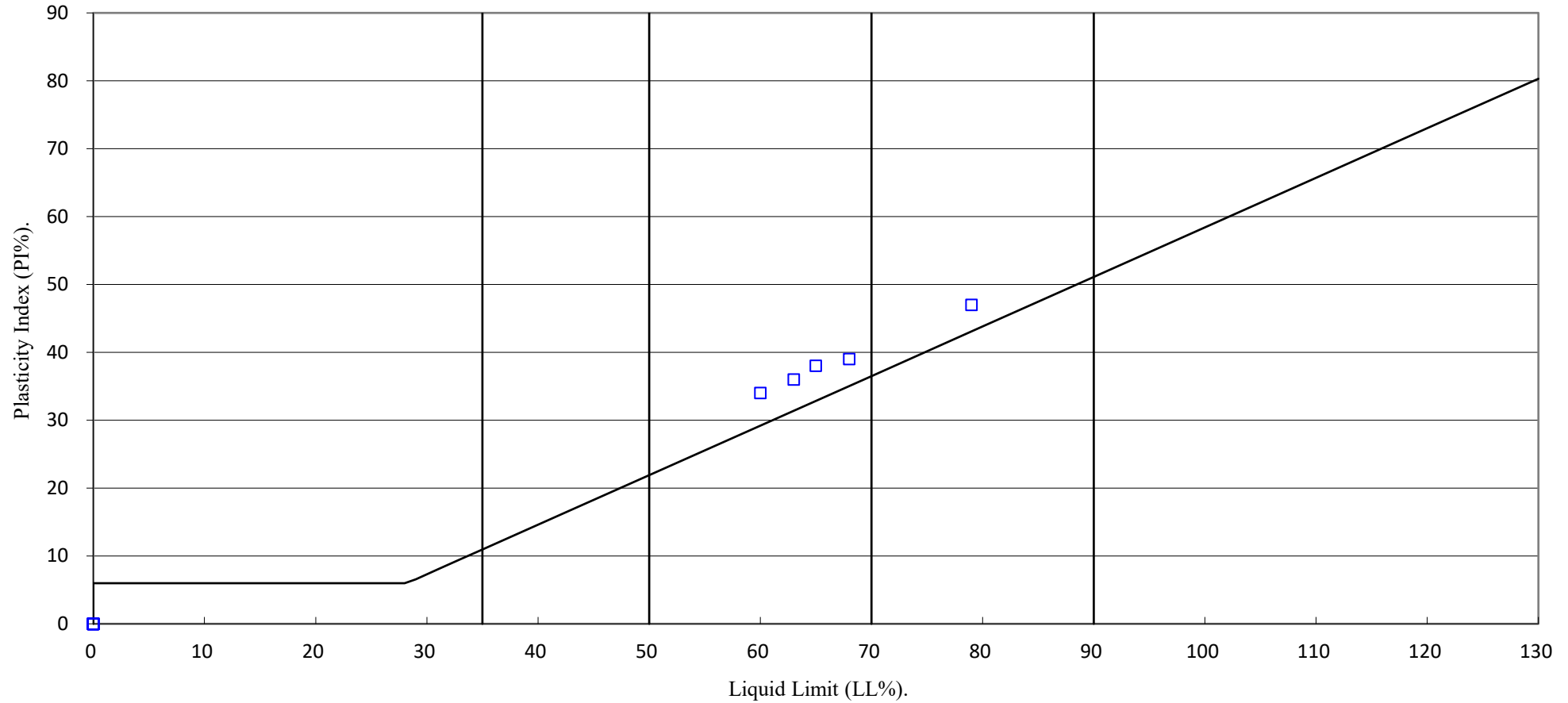
Contract No:

PSL23/7758

Client Ref:

221638

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
TP39		D	1.00		12							
TP40		D	0.50		70							
TP40		B	1.00		18		2.50					
TP43		D	0.70		424							
TP52		D	1.05		134							
TP12		D	0.60		42			62	28	34	100	High Plasticity CH
TP12		B	1.00	1.40	581		0.92					
TP56		B	1.80	2.20	16		2.45					
TP55		B	0.80	1.20			2.49					
TP53		D	0.55		35							
TP06		D	1.80		44			65	28	37	100	High Plasticity CH
TP38		D	0.70		40							
TP38		D	2.00		22							
TP28		B	1.00	1.35			2.53					
TP47		B	0.50	1.00			2.66					
TP46		D	1.20		18							
TP04		D	1.00		29							
TP04		D	1.30		126							
TP08		B	0.70	1.20								

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



Lincolnshire Lakes

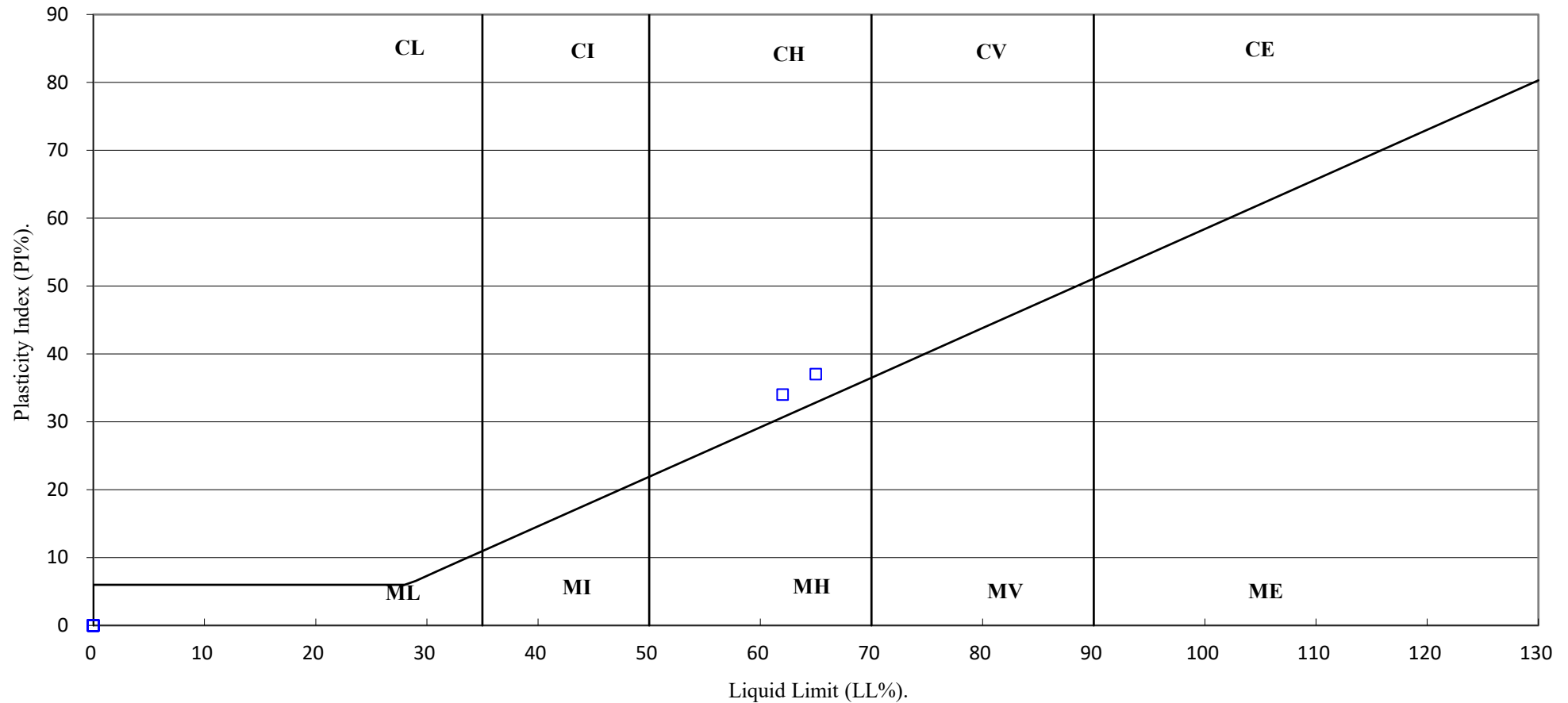
Contract No:

PSL23/7758

Client Ref:

221638

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
TP27		D	1.00		36							
TP27		D	1.60		23							
TP26		D	2.00		20							
TP01		D	0.50		42		73	30	43	100		Very High Plasticity CV
BH12		D	1.10		127		329	103	226	100		Extremely High Plasticity CE
BH24		D	3.80		74			NP				
BH14		D	1.30		33		65	28	37	100		High Plasticity CH
BH23		D	4.00		34							
BH16		D	0.50		86		136	44	92	100		Extremely High Plasticity CE
BH10		D	1.20		49							
BH09		D	4.50		18							

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



Lincolnshire Lakes

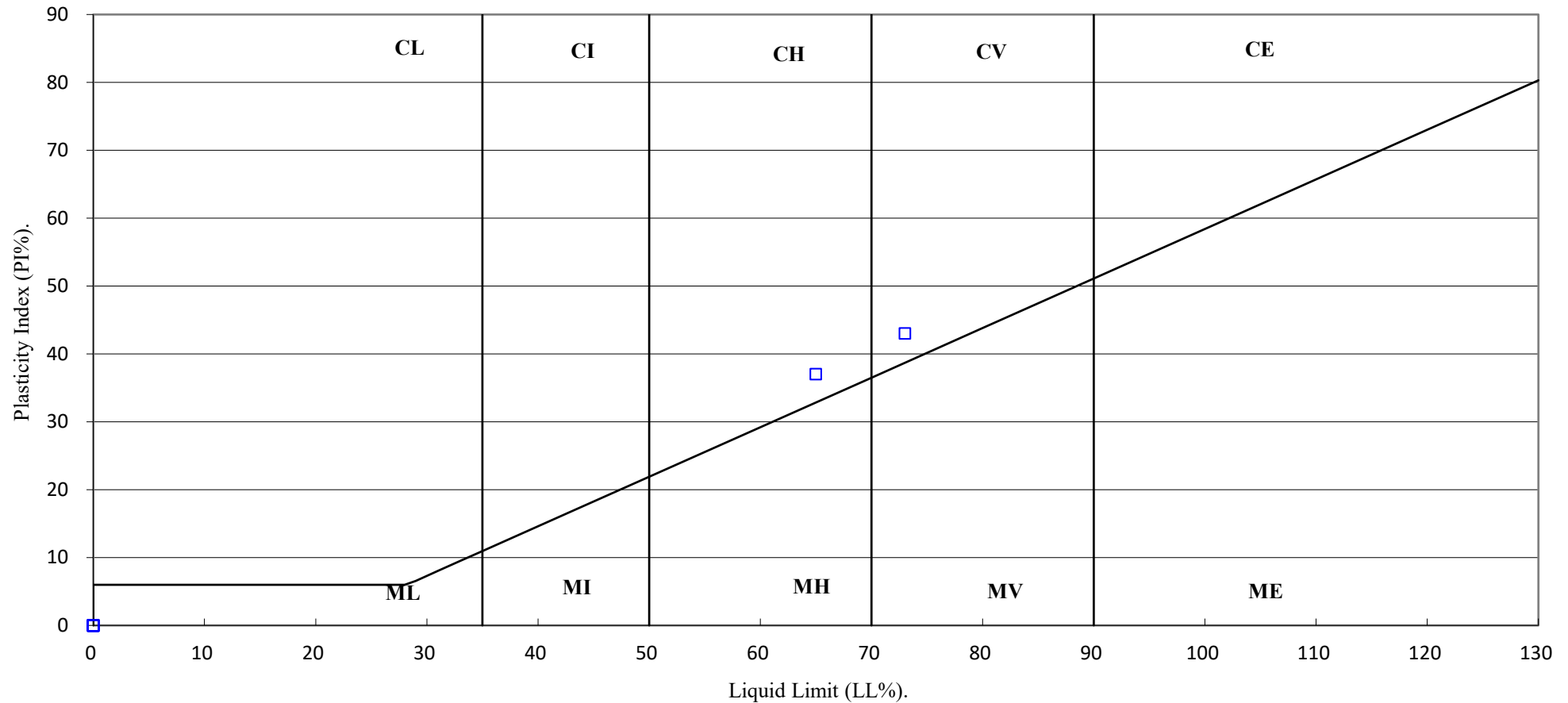
Contract No:

PSL23/7758

Client Ref:

221638

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



Lincolnshire Lakes

Contract No:

PSL23/7758

Client Ref:

221638

SUMMARY OF LABORATORY HAND VANES

(BS1377 : PART 7 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content %	Peak Shear Strength kPa	Residual Shear Strength kPa	Remarks
TP50		B	1.20	1.50	37	11		
TP50		B	1.20	1.50	28	49		
TP50		B	1.20	1.50	25	86		
TP51		B	0.40	0.80	35	25		
TP51		B	0.40	0.80	32	40		
TP51		B	0.40	0.80	29	78		
TP19		B	1.10	1.30	51	3		
TP19		B	1.10	1.30	27	41		
TP19		B	1.10	1.30	24	80		
TP32		B	1.50	2.00	17	24		
TP32		B	1.50	2.00	15	42		
TP32		B	1.50	2.00	13	75		
TP06		B	0.50	1.00	31	18		
TP06		B	0.50	1.00	28	36		
TP06		B	0.50	1.00	25	82		
TP08		B	0.70	1.20	30	26		
TP08		B	0.70	1.20	27	53		
TP08		B	0.70	1.20	24	99		

* This test is out of our UKAS scope

 <p>PSL PROFESSIONAL SOILS LABORATORY A PHENNA GROUP COMPANY</p>	<p>Lincolnshire Lakes</p>	Contract No:
		PSL23/7758
		Client Ref:
		221638

PARTICLE SIZE DISTRIBUTION TEST

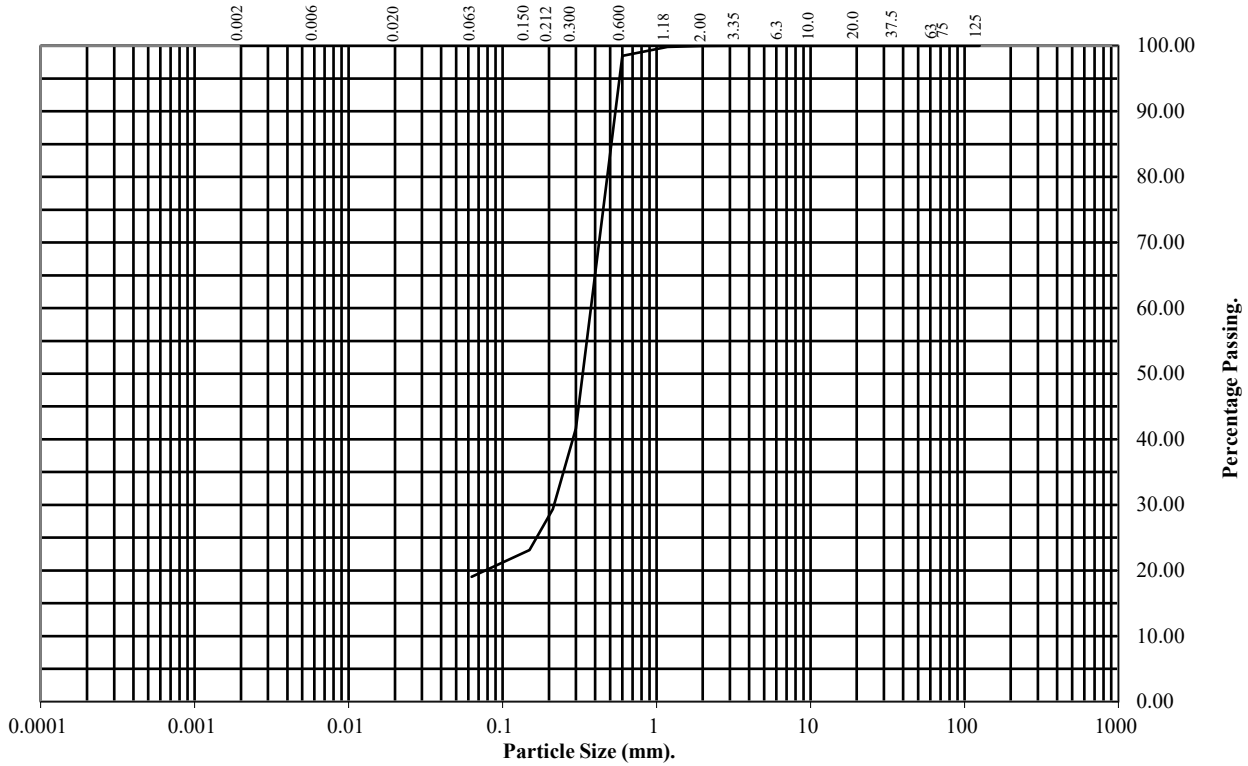
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP03 **Top Depth (m):** 1.80

Sample Number: **Base Depth(m):** 2.30

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	98
0.3	42
0.212	29
0.15	23
0.063	19

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	81
Silt/Clay	19

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

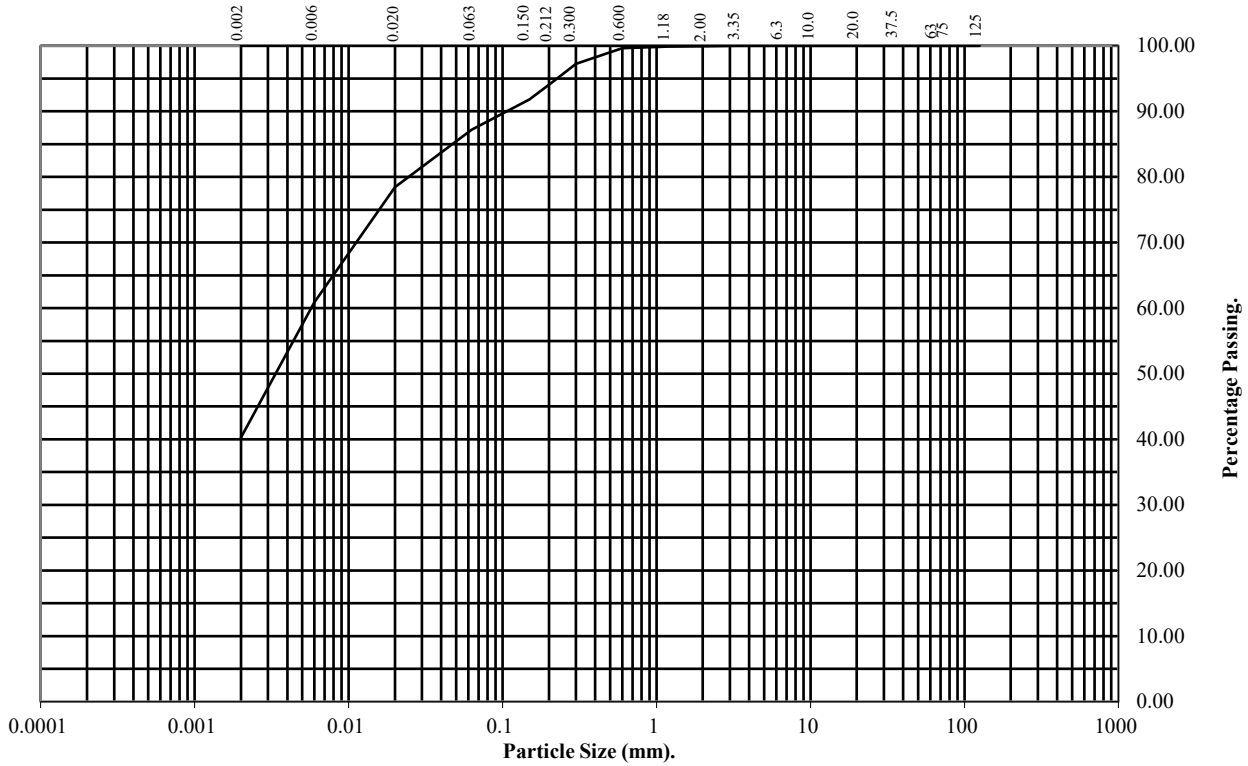
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP06 **Top Depth (m):** 0.50

Sample Number: **Base Depth(m):** 1.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	97
0.212	94
0.15	92
0.063	87

Particle Diameter	Percentage Passing
0.02	78
0.006	61
0.002	40

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	13
Silt	47
Clay	40

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

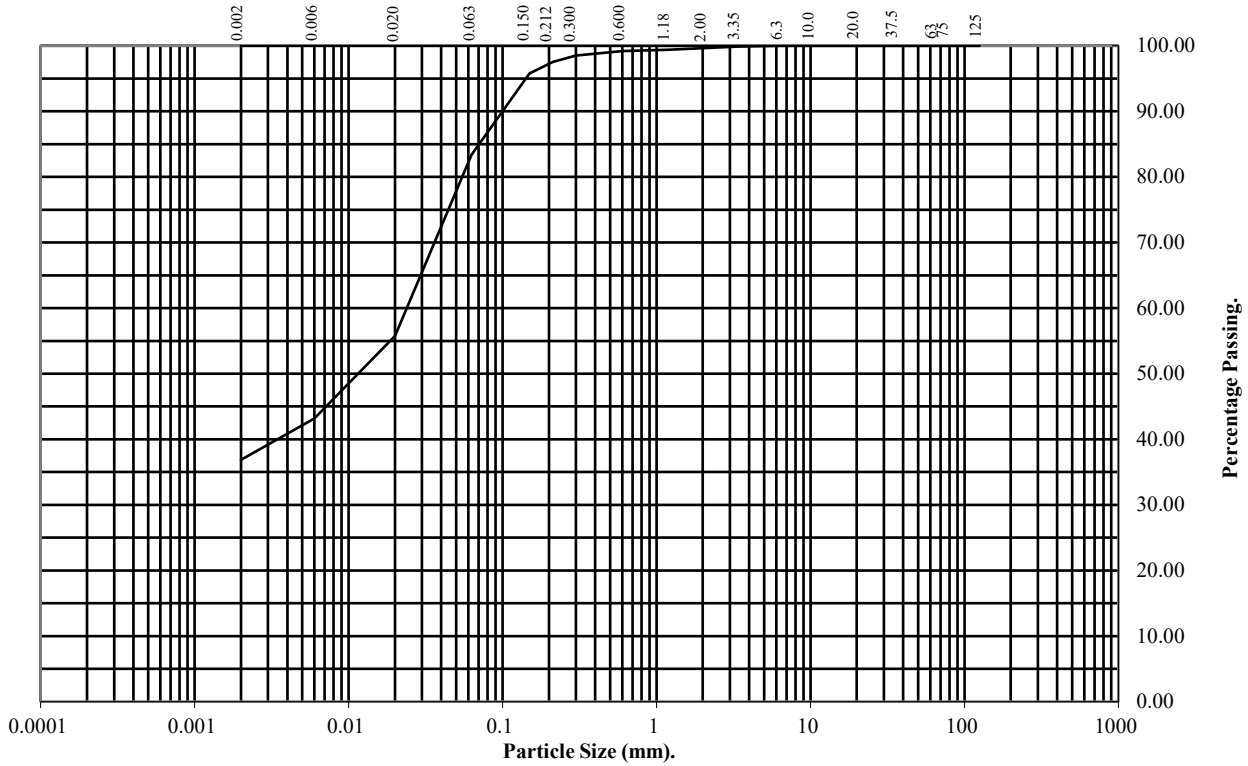
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP08 **Top Depth (m):** 0.70

Sample Number: **Base Depth(m):** 1.20

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	99
0.6	99
0.3	98
0.212	98
0.15	96
0.063	83

Particle Diameter	Percentage Passing
0.02	56
0.006	43
0.002	37

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	17
Silt	46
Clay	37

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

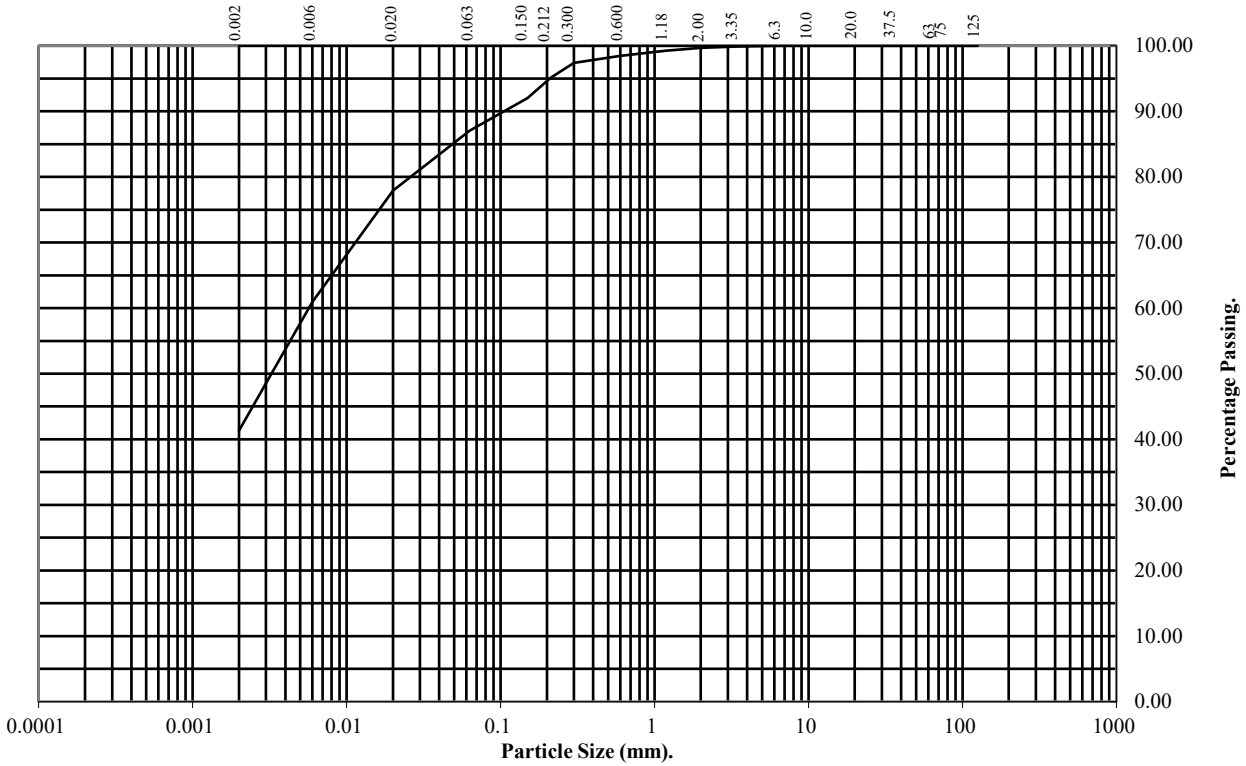
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP17 **Top Depth (m):** 0.40

Sample Number: **Base Depth(m):** 0.90

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	99
0.6	98
0.3	97
0.212	95
0.15	92
0.063	87

Particle Diameter	Percentage Passing
0.02	78
0.006	61
0.002	41

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	13
Silt	46
Clay	41

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

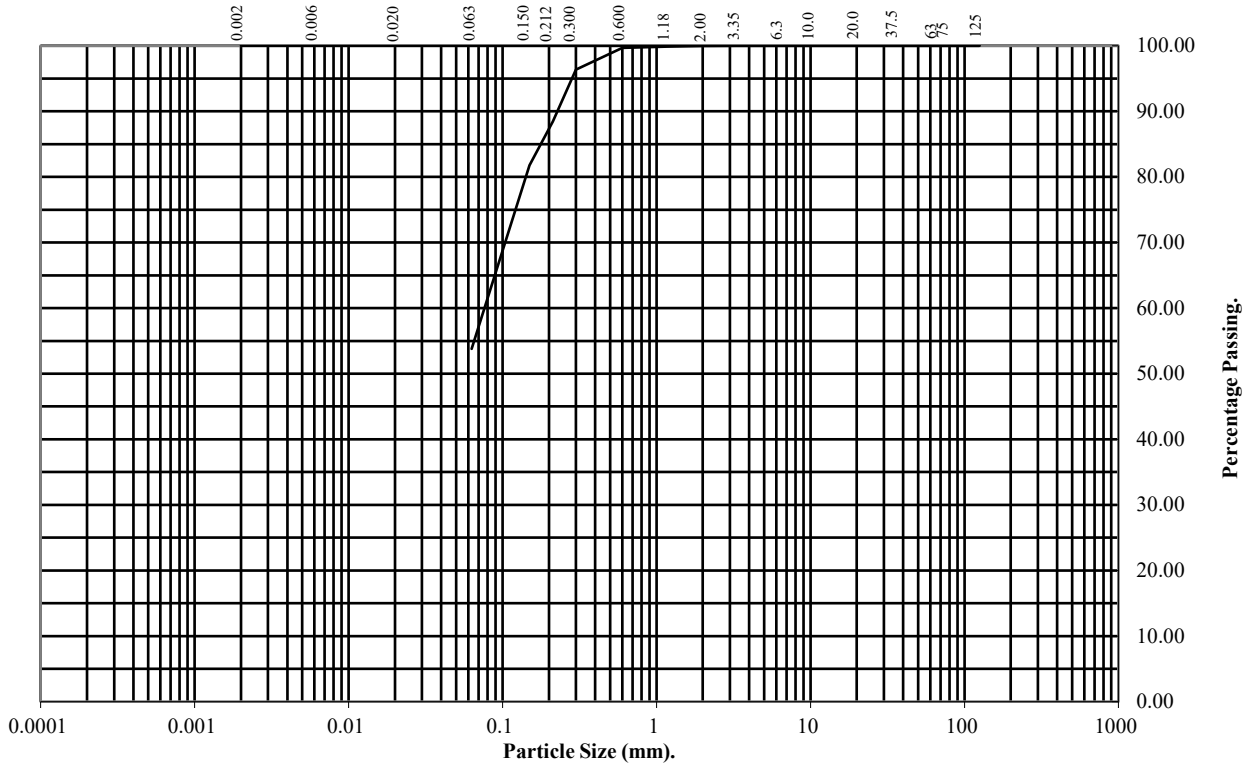
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP18 Top Depth (m): 0.50

Sample Number: Base Depth(m): 1.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	96
0.212	88
0.15	82
0.063	54

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	46
Silt/Clay	54

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

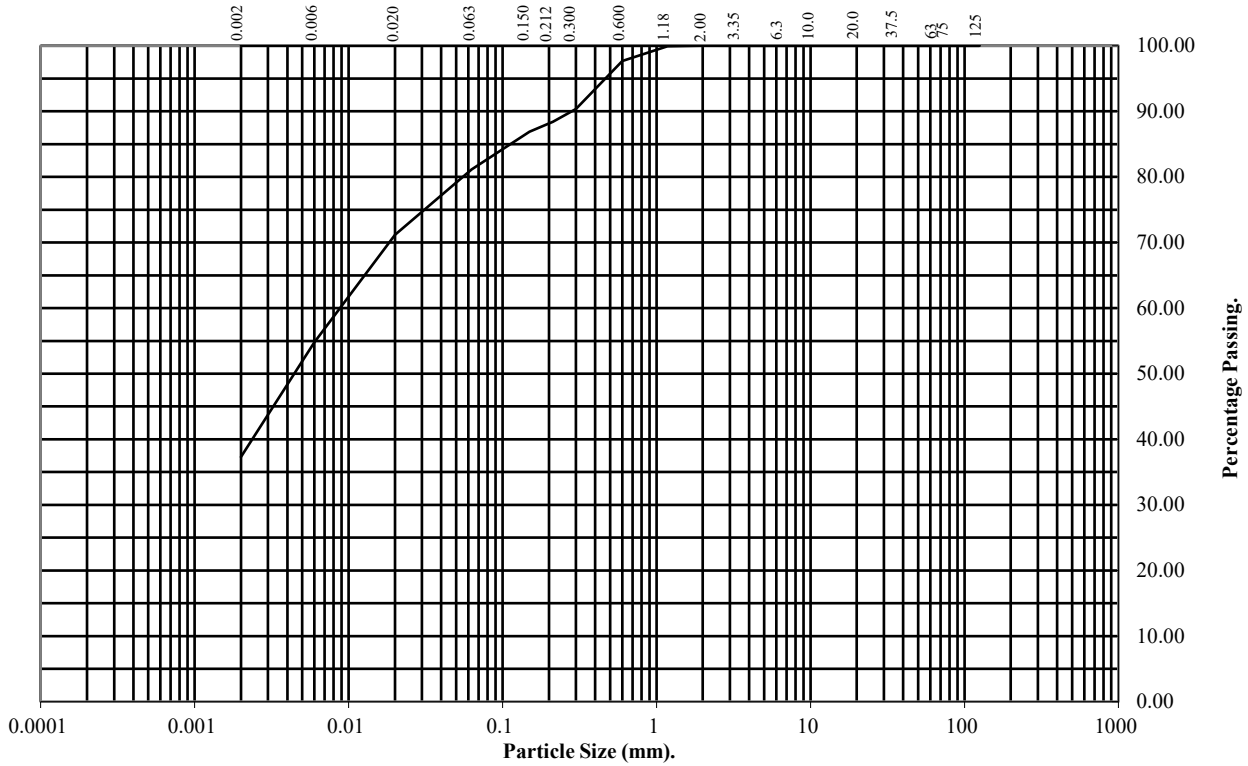
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP19 **Top Depth (m):** 1.10

Sample Number: **Base Depth(m):** 1.30

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	98
0.3	90
0.212	88
0.15	87
0.063	81

Particle Diameter	Percentage Passing
0.02	71
0.006	55
0.002	37

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	19
Silt	44
Clay	37

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

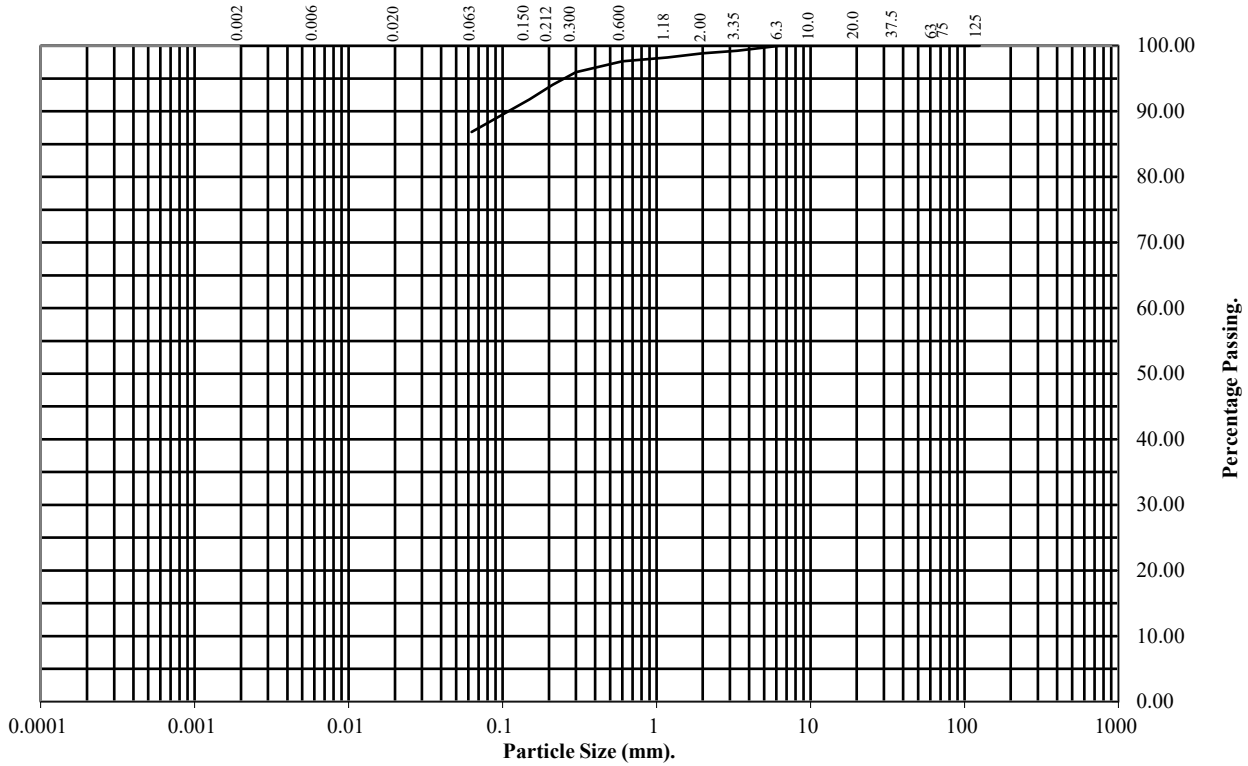
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP20 **Top Depth (m):** 0.70

Sample Number: **Base Depth(m):** 1.20

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	99
2	99
1.18	98
0.6	98
0.3	96
0.212	94
0.15	92
0.063	87

Soil Fraction	Total Percentage
Cobbles	0
Gravel	1
Sand	12
Silt/Clay	87

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

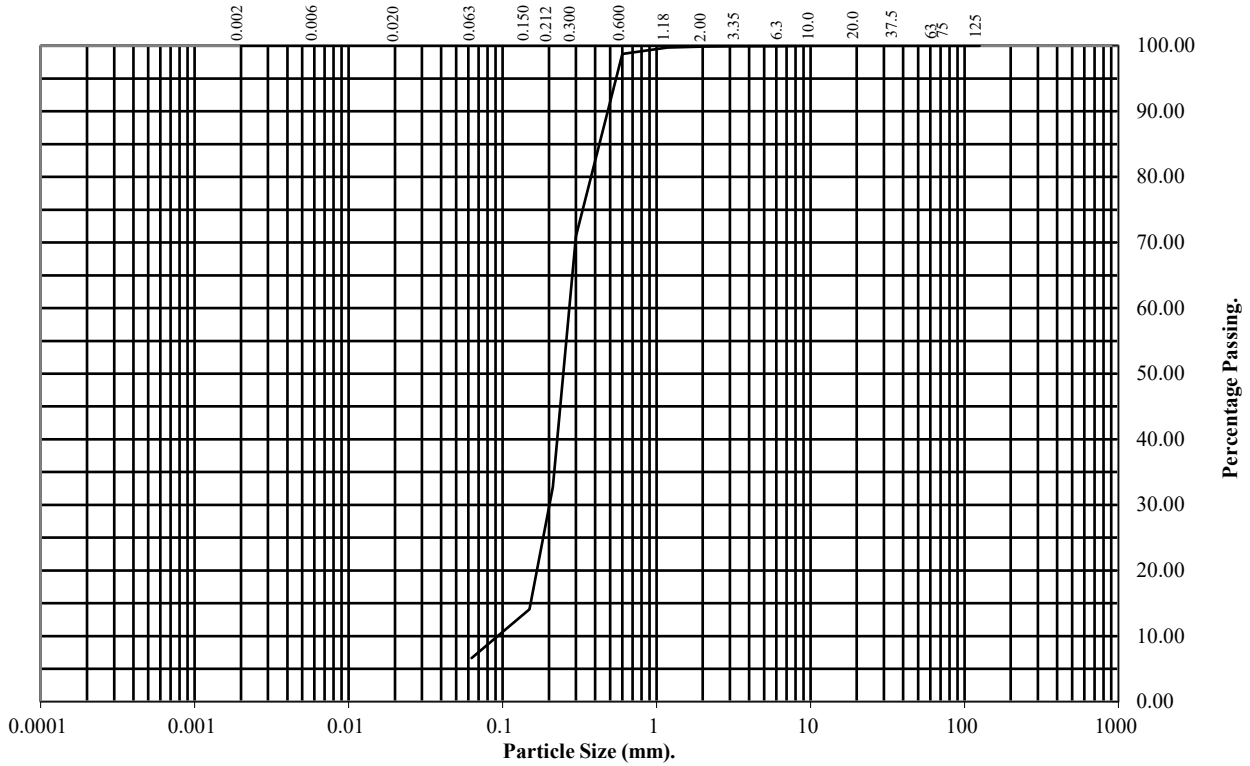
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP22 **Top Depth (m):** 1.50

Sample Number: **Base Depth(m):** 2.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	71
0.212	33
0.15	14
0.063	7

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	93
Silt/Clay	7

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

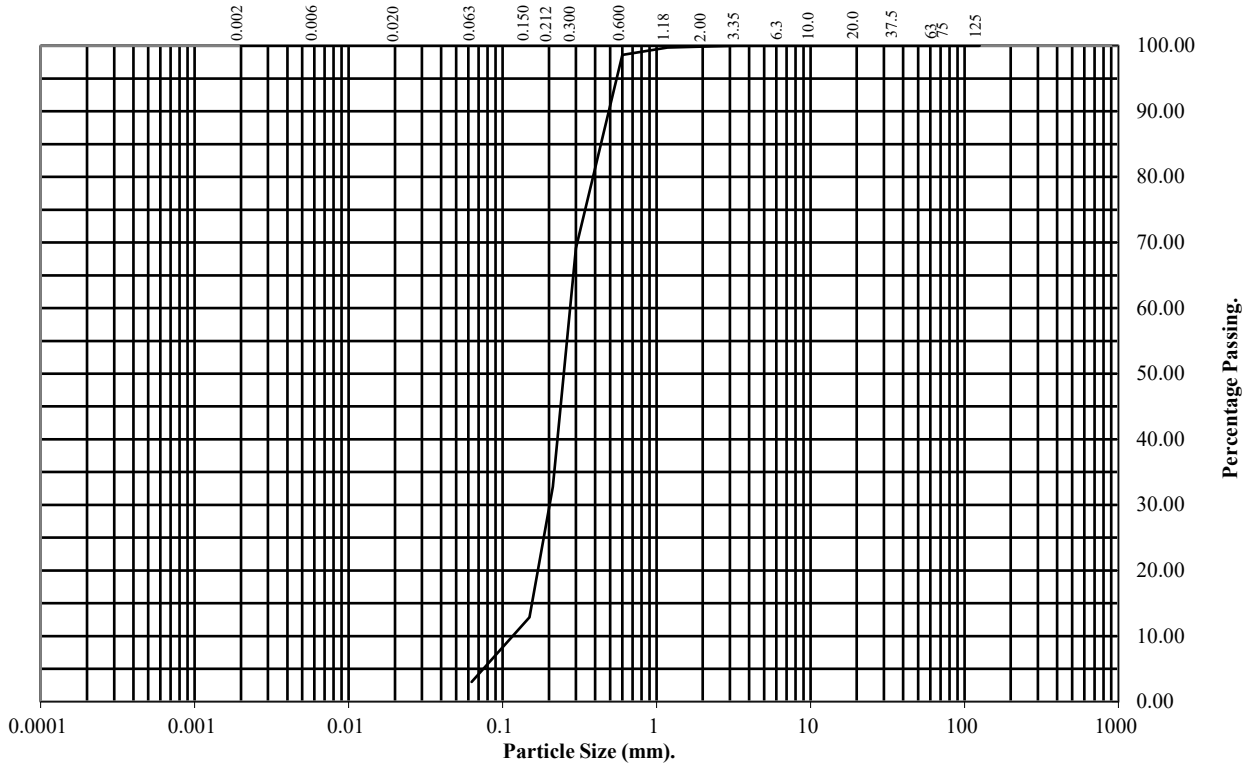
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP25 **Top Depth (m):** 1.00

Sample Number: **Base Depth(m):** 1.50

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	69
0.212	33
0.15	13
0.063	3

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	97
Silt/Clay	3

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

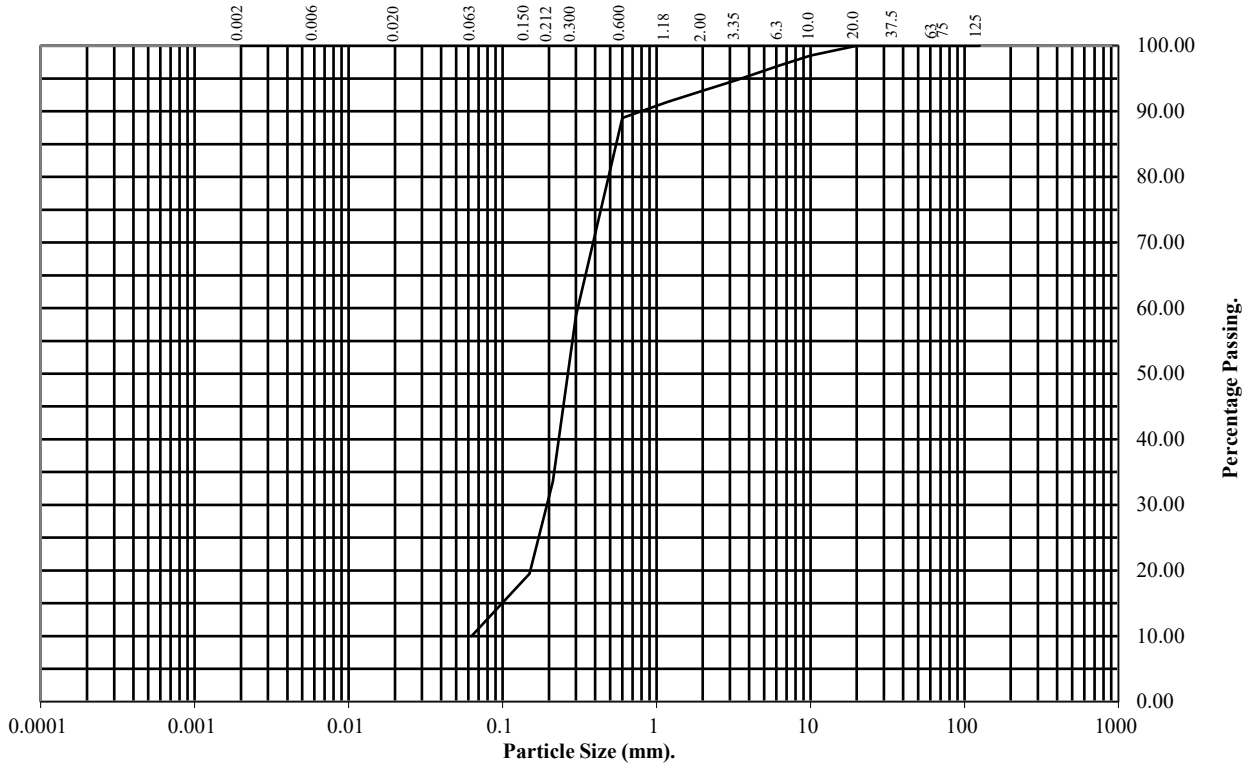
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: **TP28** Top Depth (m): **1.00**

Sample Number: Base Depth(m): **1.35**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	99
6.3	97
3.35	95
2	93
1.18	91
0.6	89
0.3	59
0.212	34
0.15	20
0.063	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	7
Sand	83
Silt/Clay	10

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

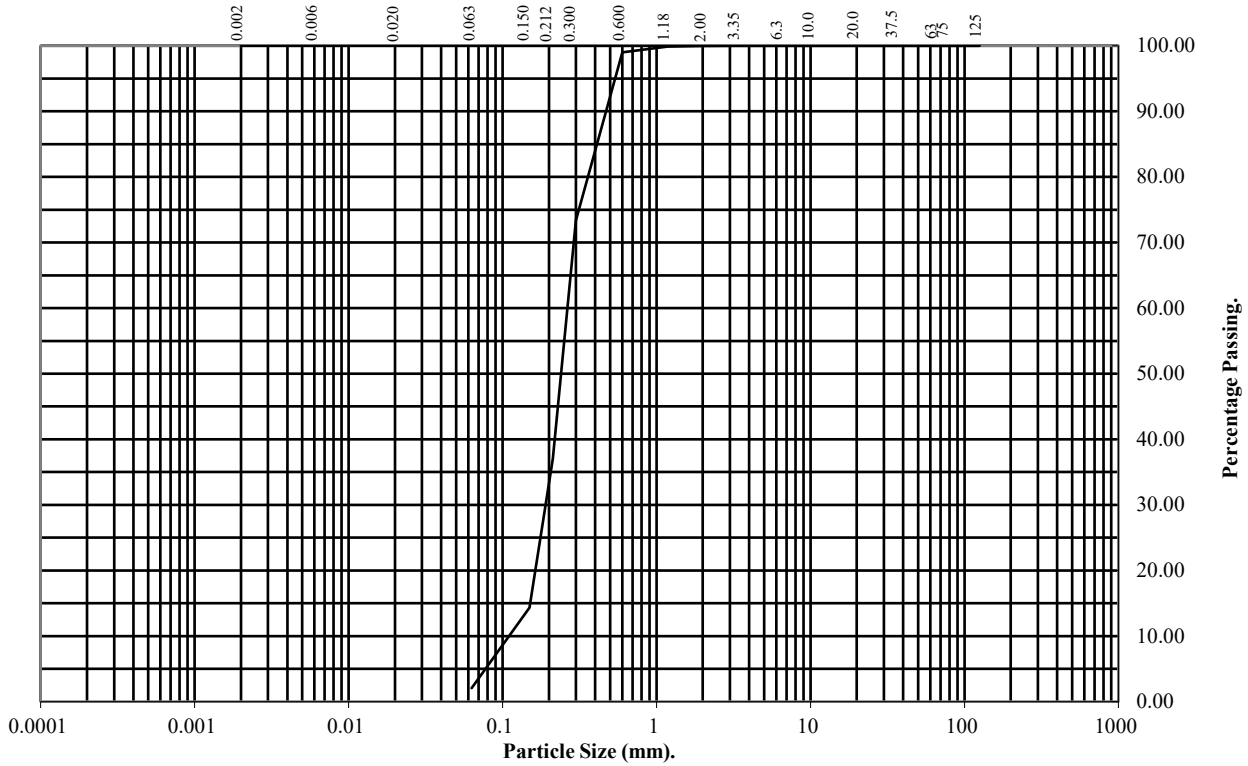
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: **TP29** Top Depth (m): **1.00**

Sample Number: Base Depth(m): **1.50**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	73
0.212	37
0.15	14
0.063	2

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	98
Silt/Clay	2

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

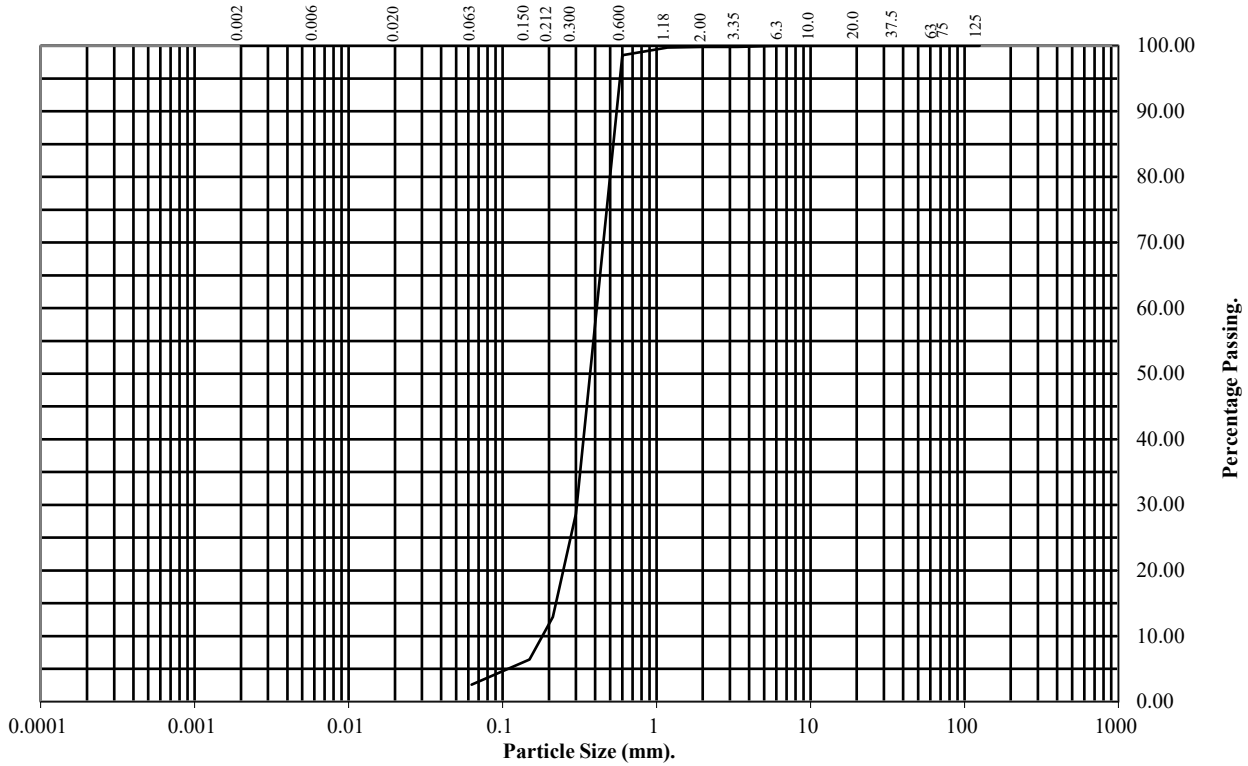
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP32 **Top Depth (m):** 1.50

Sample Number: **Base Depth(m):** 2.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	29
0.212	13
0.15	6
0.063	3

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	97
Silt/Clay	3

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

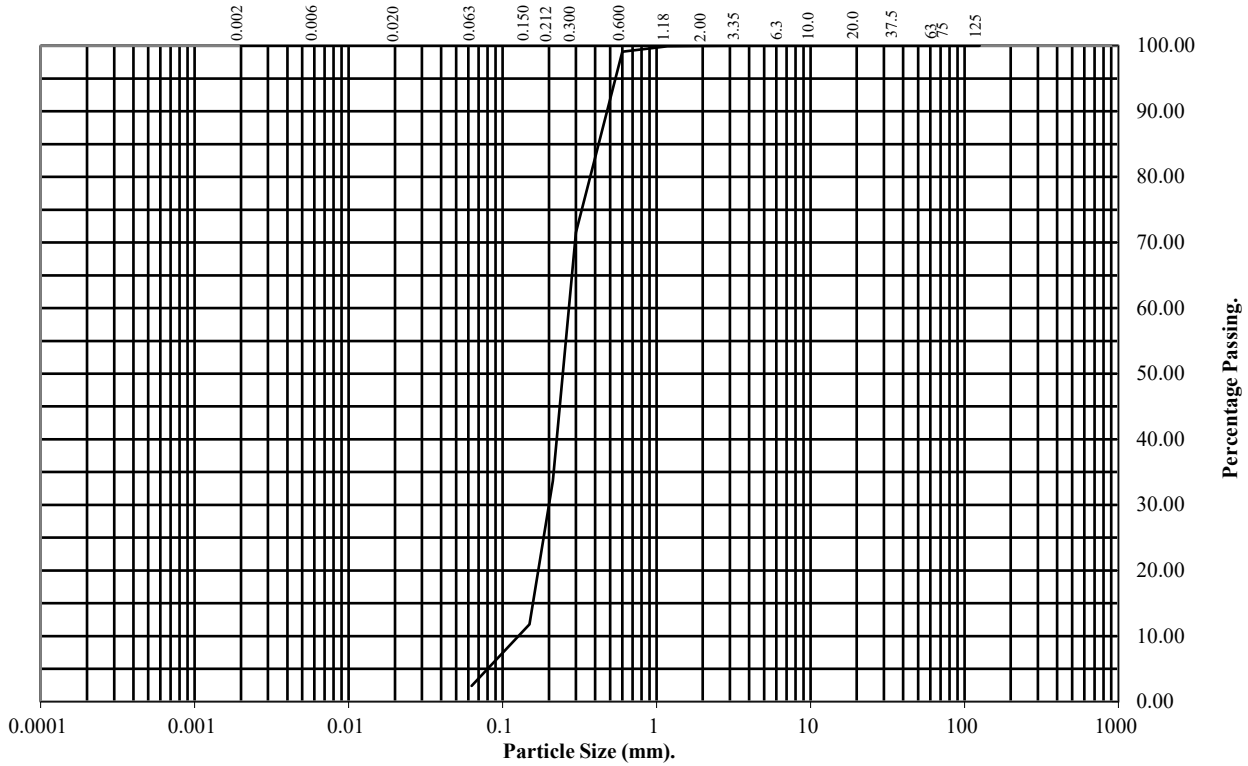
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP36 **Top Depth (m):** 1.50

Sample Number: **Base Depth(m):** 2.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	72
0.212	34
0.15	12
0.063	2

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	98
Silt/Clay	2

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

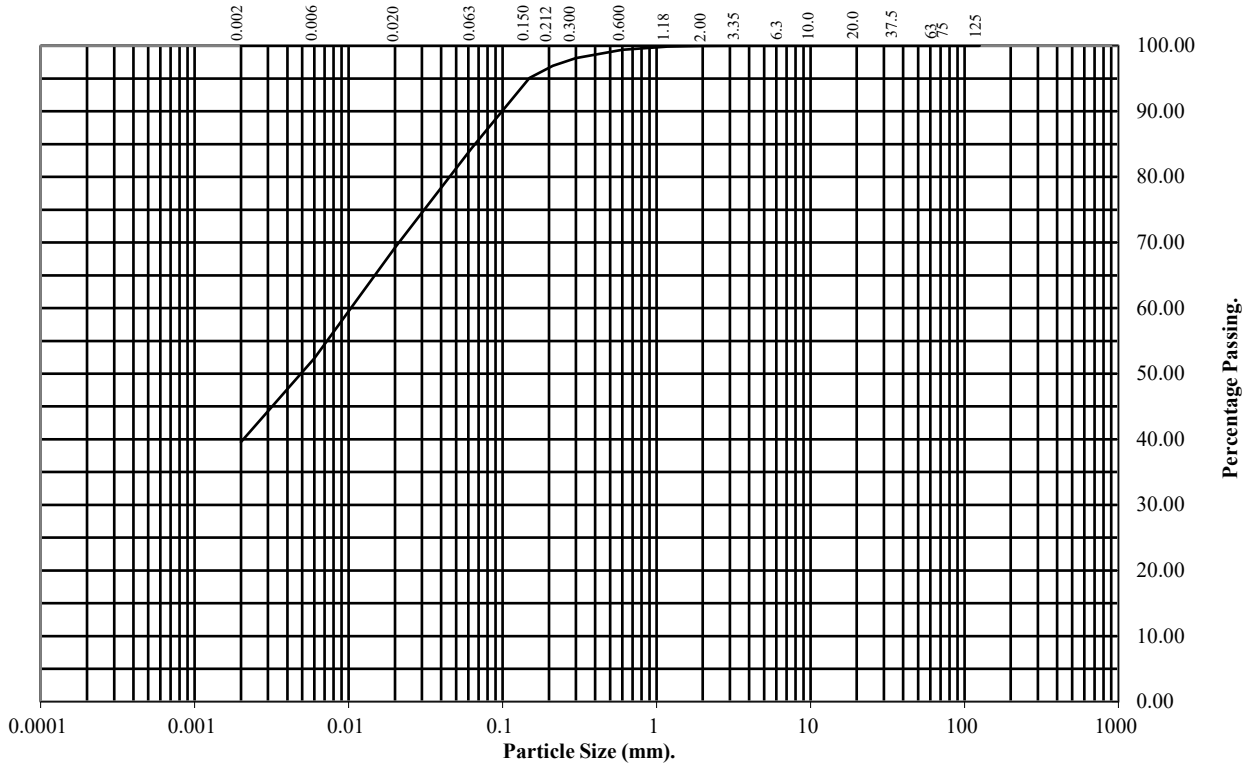
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **TP42** Top Depth (m): **1.40**

Sample Number: Base Depth(m): **1.80**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	98
0.212	97
0.15	95
0.063	84

Particle Diameter	Percentage Passing
0.02	69
0.006	52
0.002	40

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	16
Silt	44
Clay	40

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

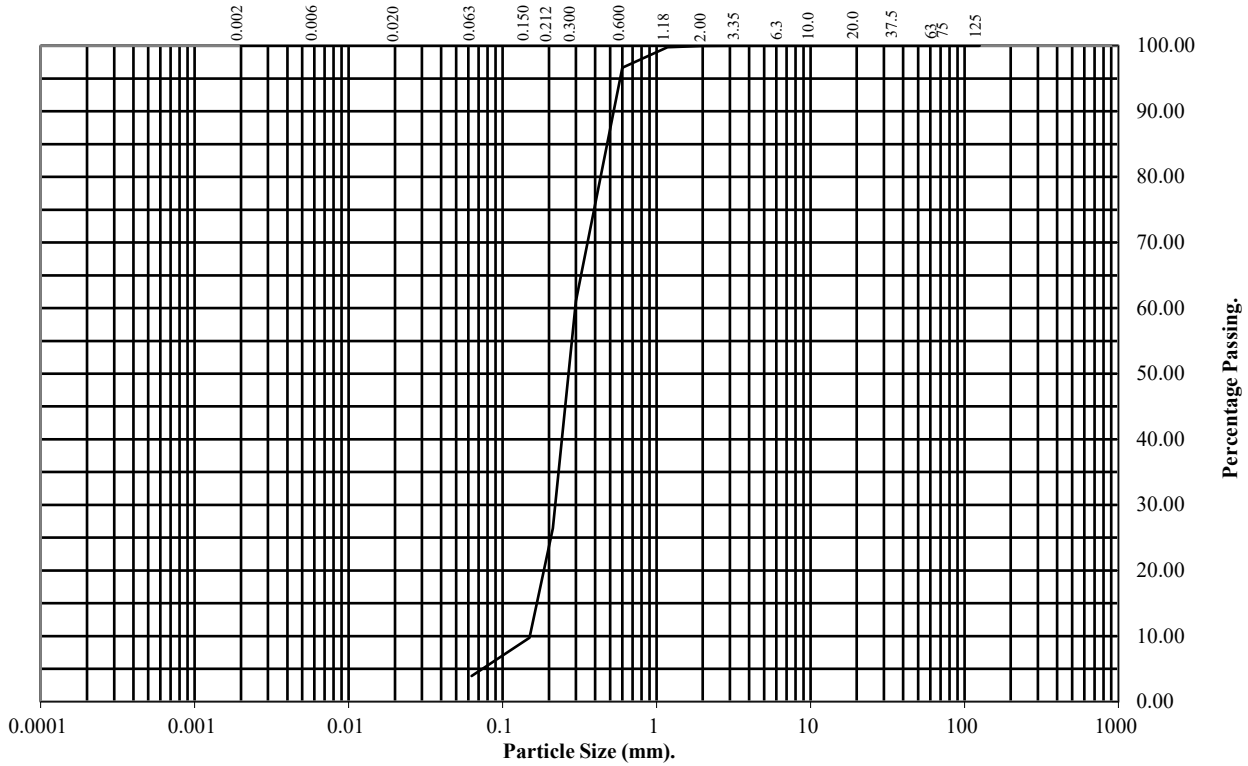
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP42 **Top Depth (m):** 2.00

Sample Number: **Base Depth(m):** 2.50

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	97
0.3	61
0.212	26
0.15	10
0.063	4

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	96
Silt/Clay	4

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

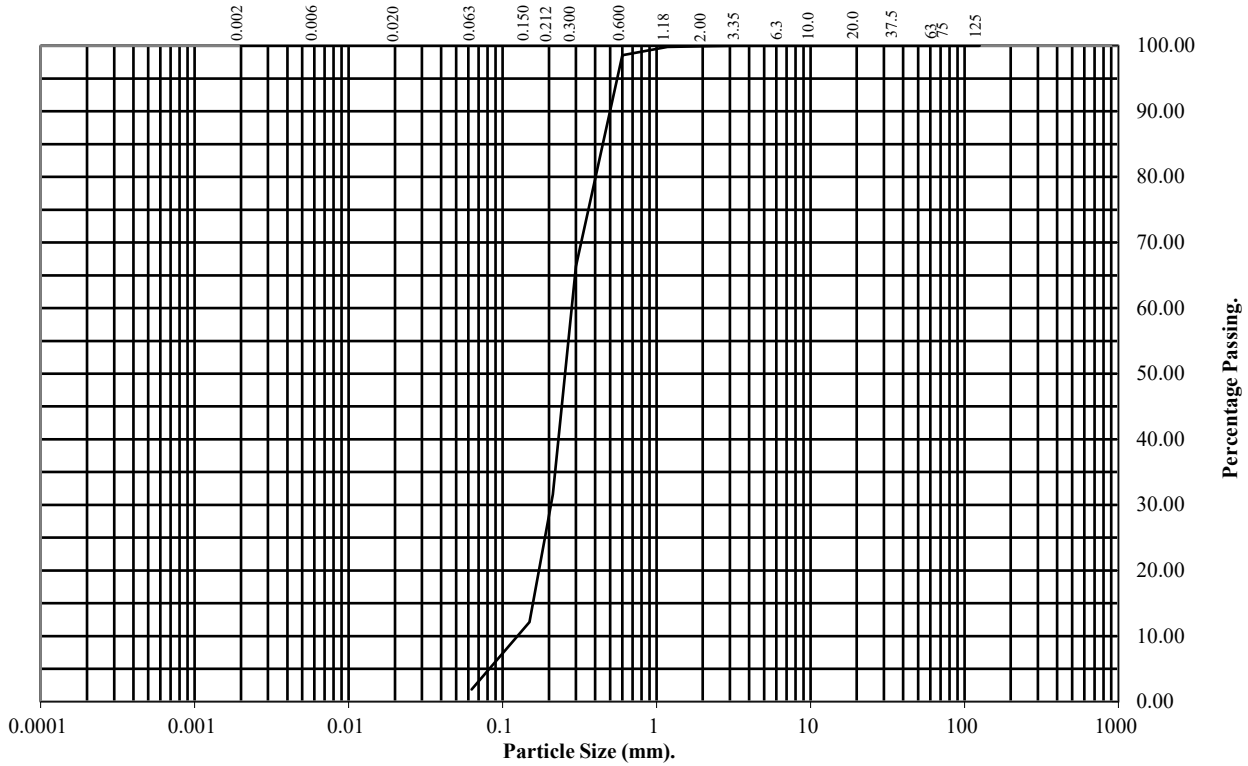
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP44 **Top Depth (m):** 1.00

Sample Number: **Base Depth(m):** 1.50

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	66
0.212	32
0.15	12
0.063	2

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	98
Silt/Clay	2

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

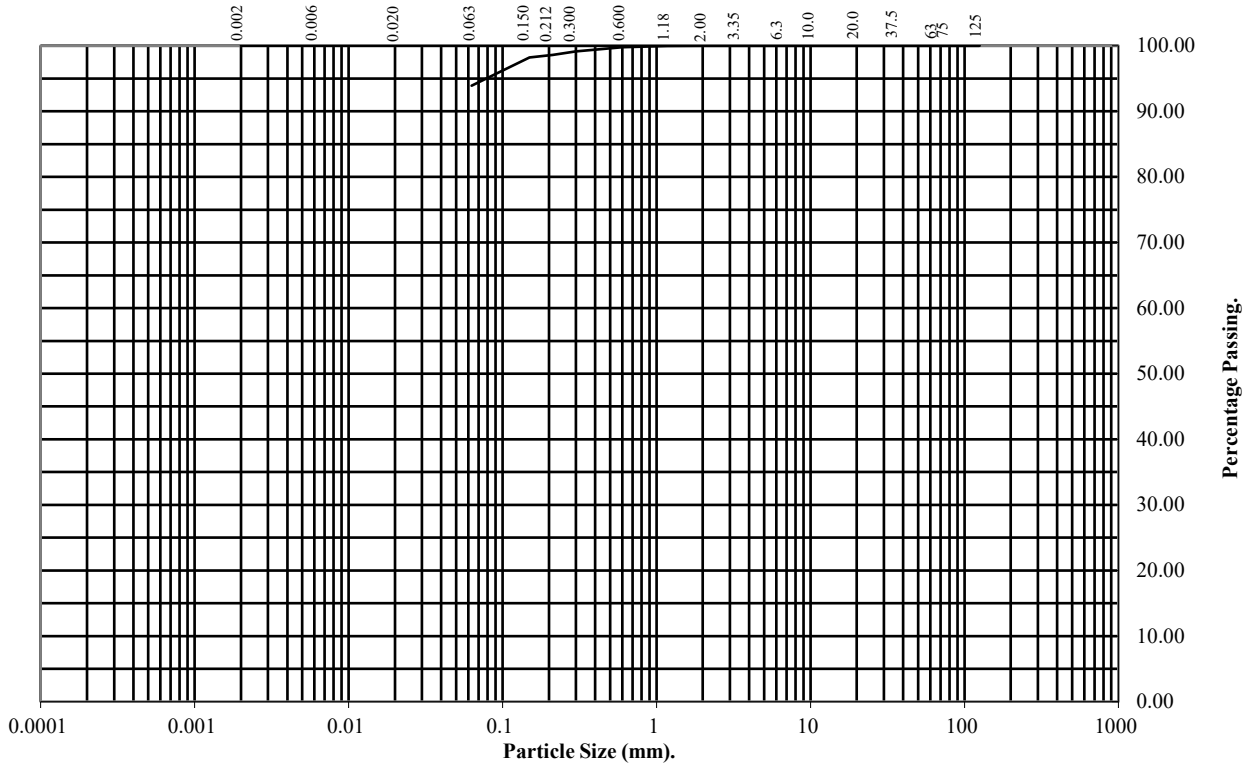
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP45 **Top Depth (m):** 0.70

Sample Number: **Base Depth(m):** 1.20

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	99
0.212	99
0.15	98
0.063	94

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	6
Silt/Clay	94

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

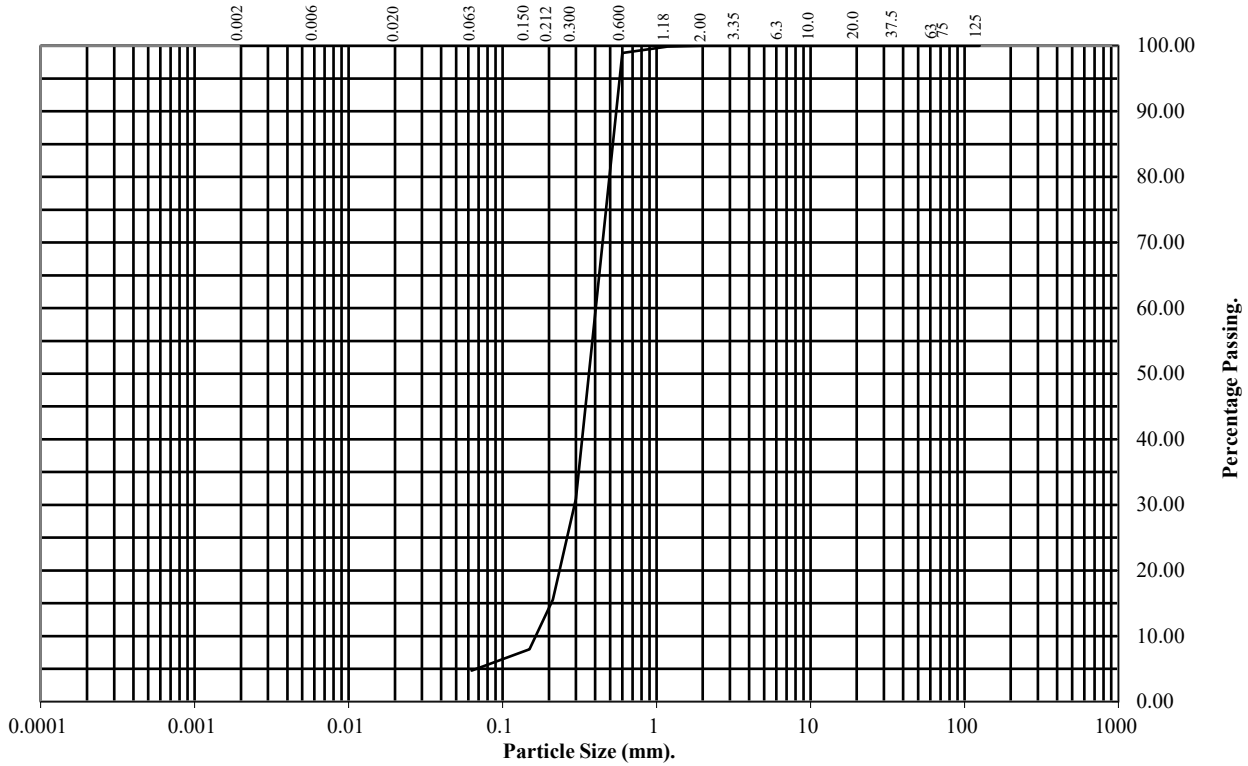
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP46 **Top Depth (m):** 1.70

Sample Number: **Base Depth(m):** 2.20

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	31
0.212	16
0.15	8
0.063	5

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	95
Silt/Clay	5

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

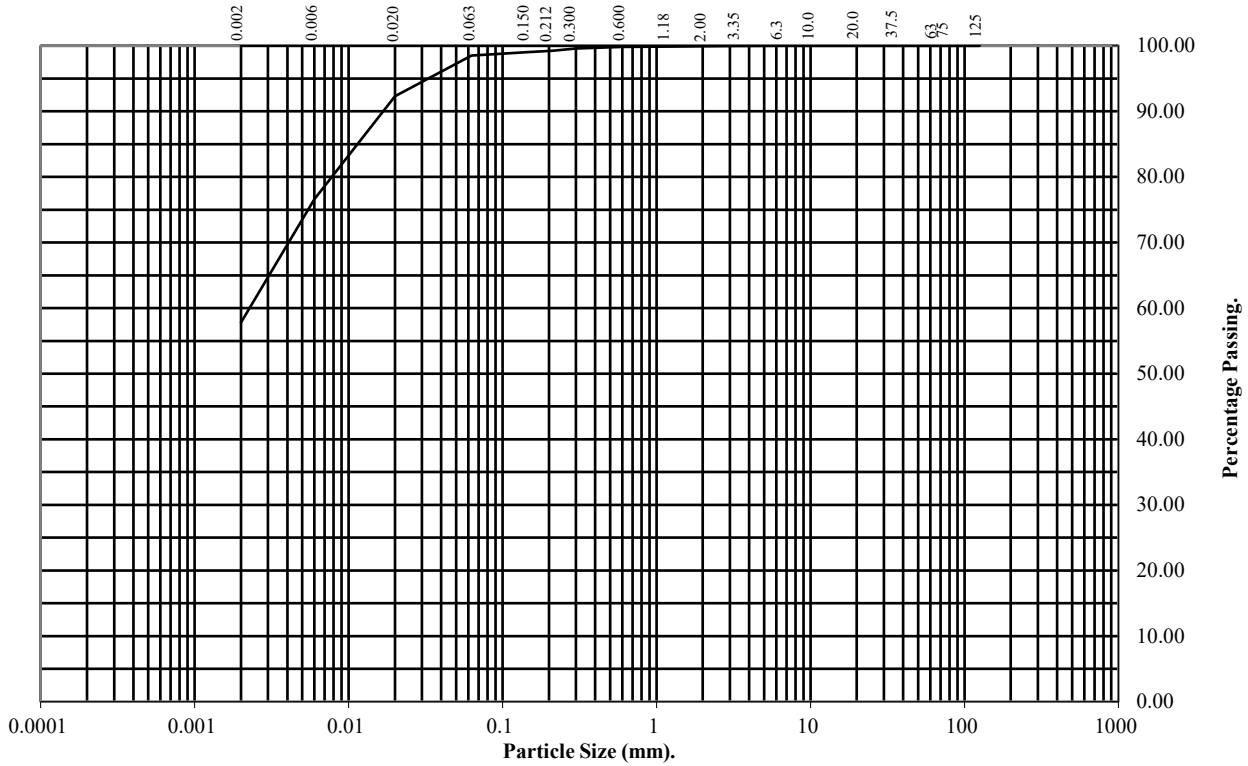
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP47 **Top Depth (m):** 0.50

Sample Number: **Base Depth(m):** 1.00

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	100
0.212	99
0.15	99
0.063	98

Particle Diameter	Percentage Passing
0.02	92
0.006	77
0.002	58

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	2
Silt	40
Clay	58

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

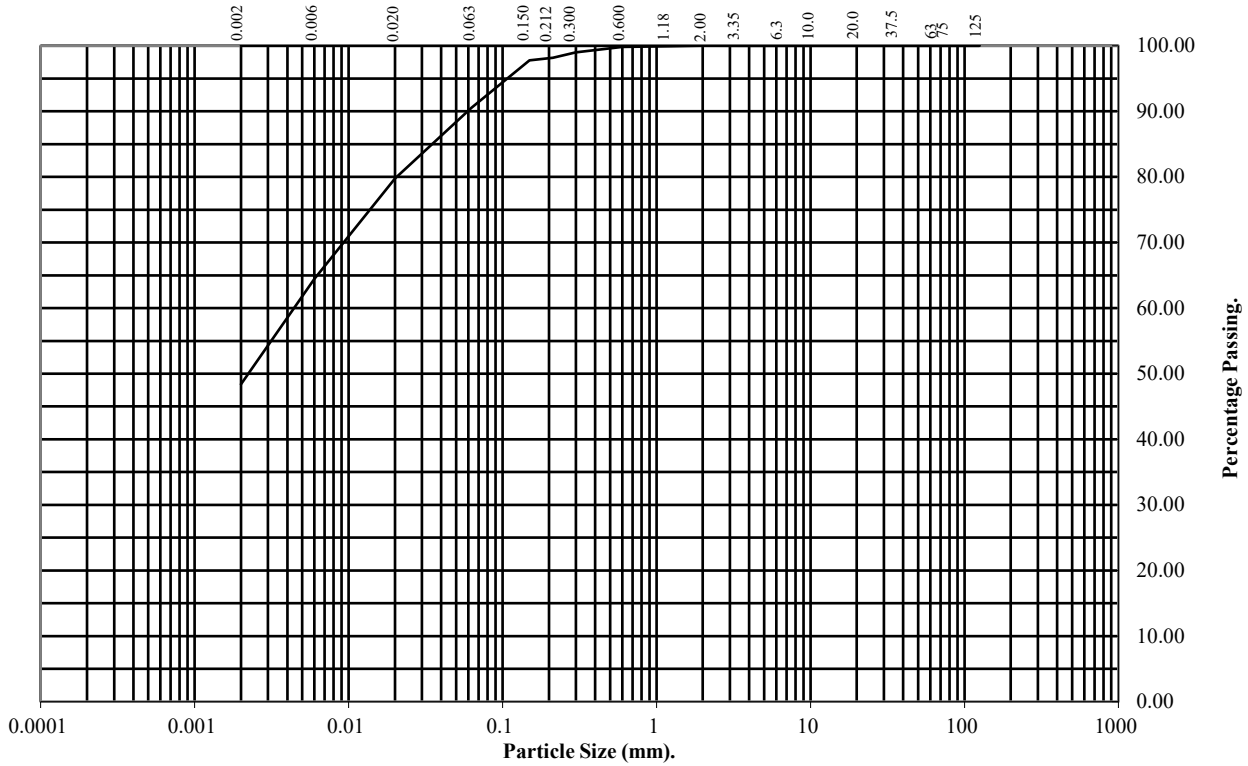
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: TP50 **Top Depth (m):** 1.20

Sample Number: **Base Depth(m):** 1.50

Sample Type: B



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	99
0.212	98
0.15	98
0.063	91

Particle Diameter	Percentage Passing
0.02	80
0.006	64
0.002	48

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	9
Silt	43
Clay	48

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

PARTICLE SIZE DISTRIBUTION TEST

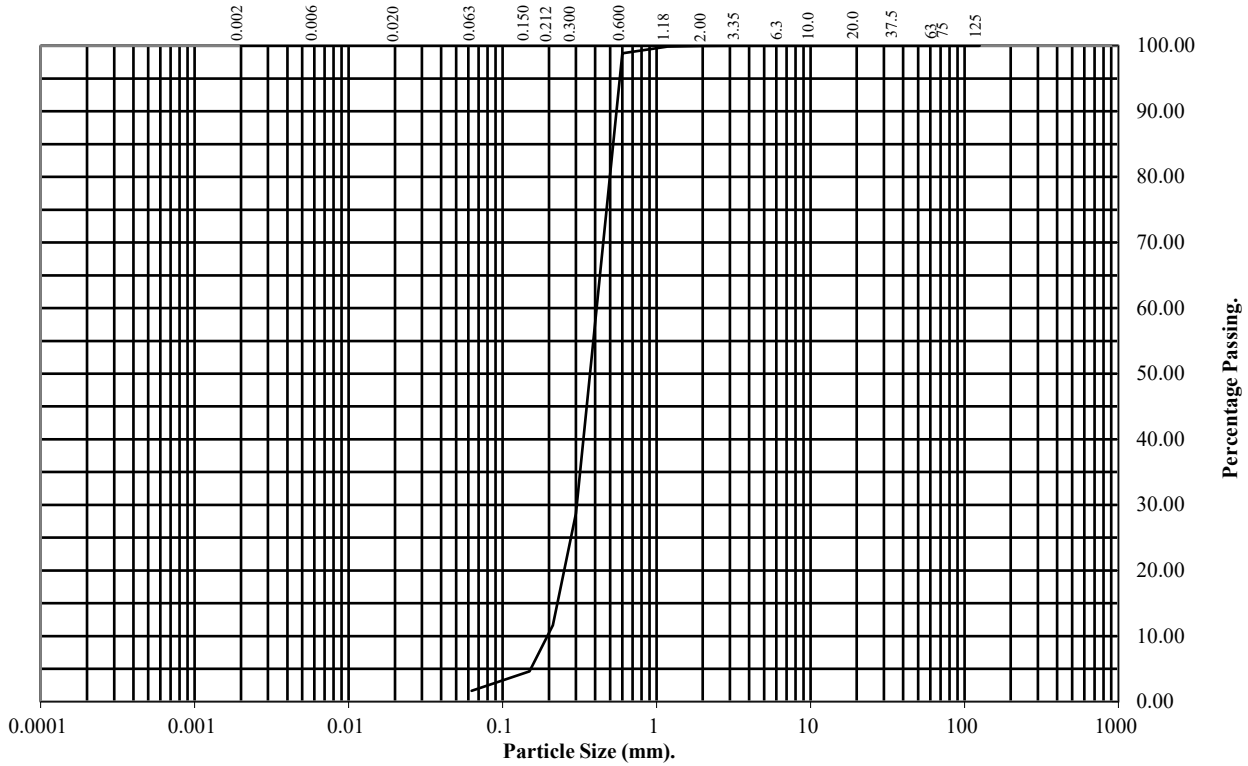
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: **TP56** Top Depth (m): **1.80**

Sample Number: Base Depth(m): **2.20**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	99
0.3	29
0.212	12
0.15	5
0.063	2

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	98
Silt/Clay	2

Remarks:
See Summary of Soil Descriptions



Lincolnshire Lakes

Contract No:
PSL23/7758
Client Ref:
221638

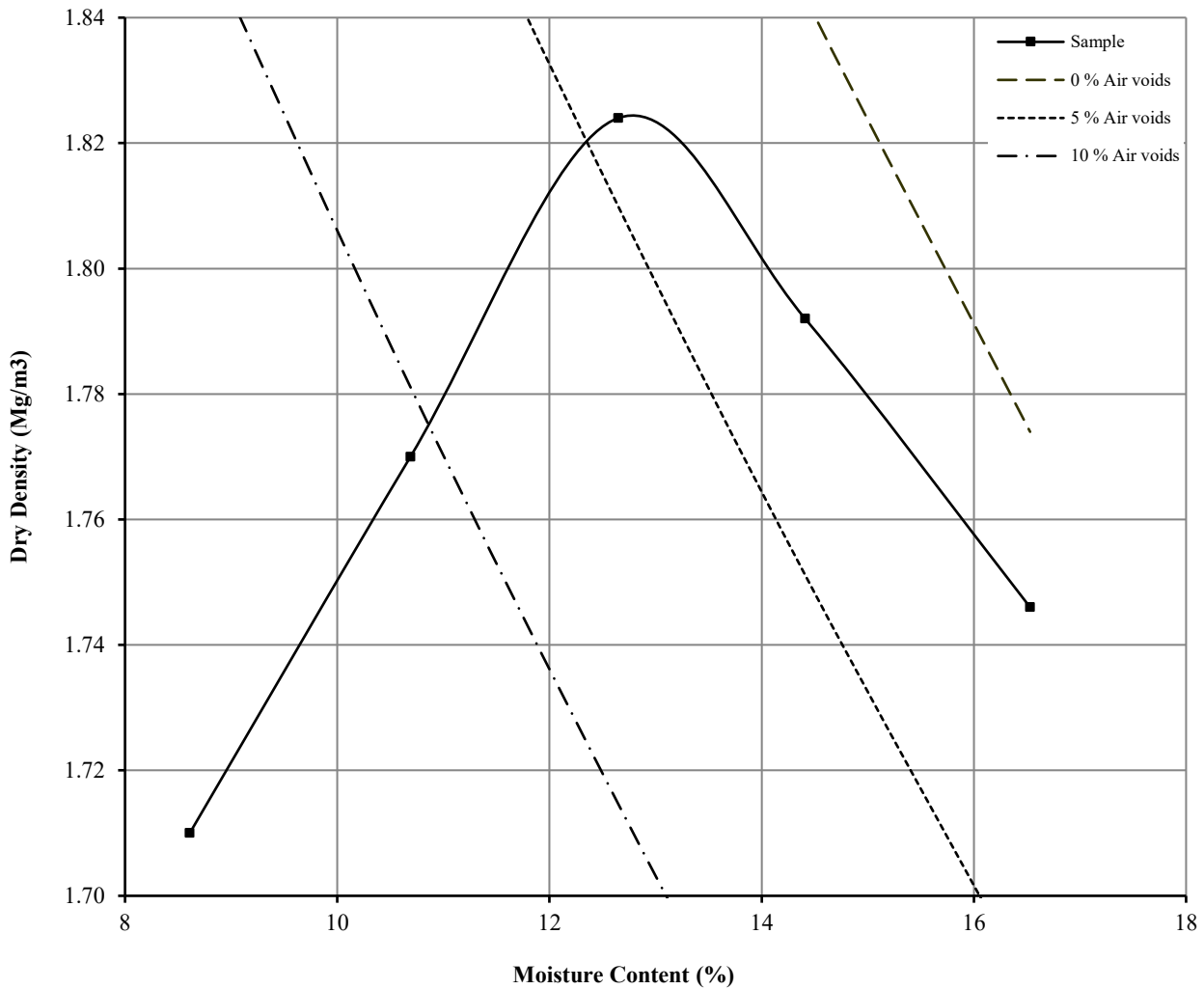
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP03 Top Depth (m) : 1.80

Sample Number: Base Depth (m) : 2.30

Sample Type: B



Initial Moisture Content:	19	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.51	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.82	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	13			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

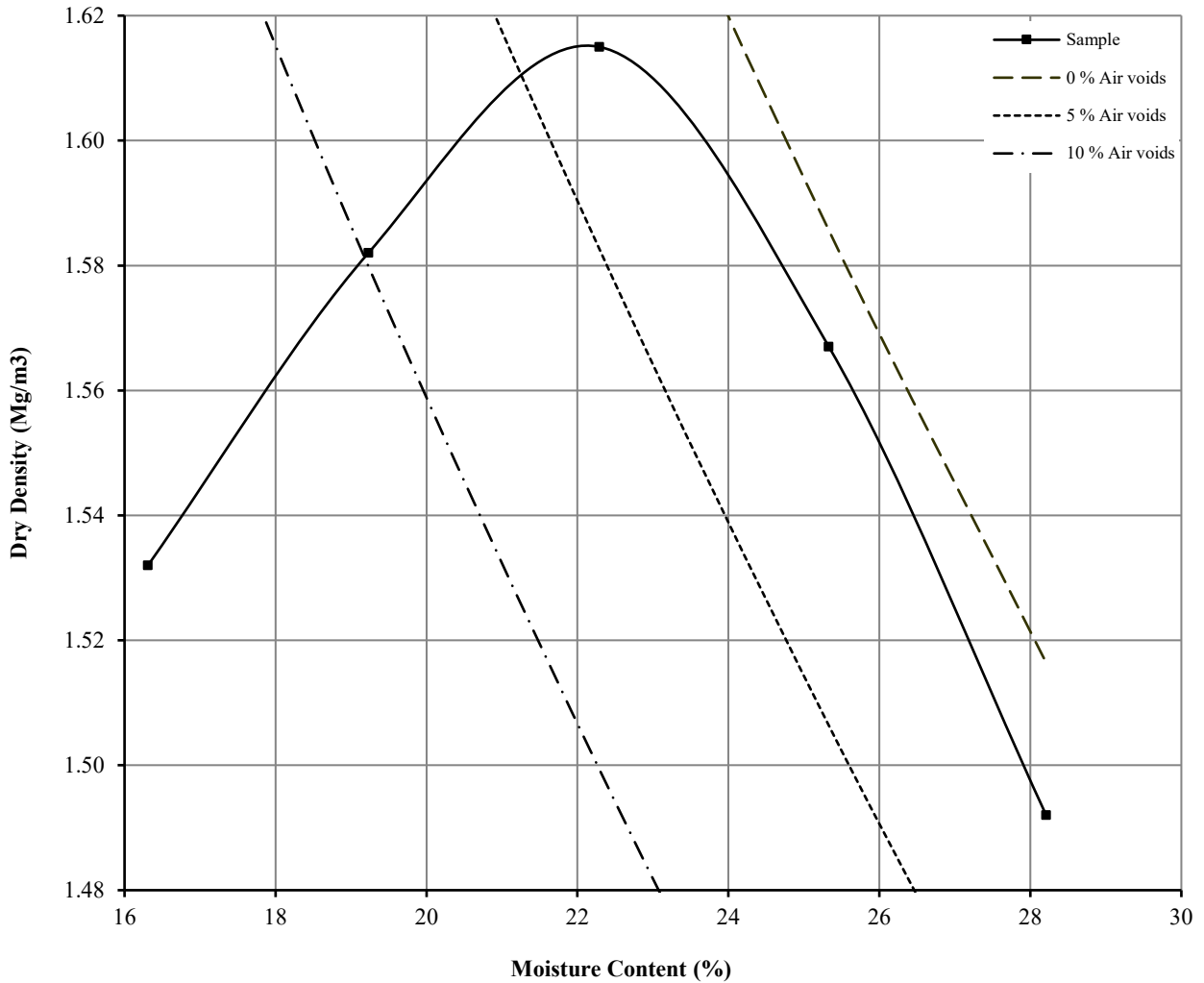
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990

Hole Number: TP06 Top Depth (m) : 0.50

Sample Number: Base Depth (m) : 1.00

Sample Type: B



Initial Moisture Content:	31	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.62	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	22			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

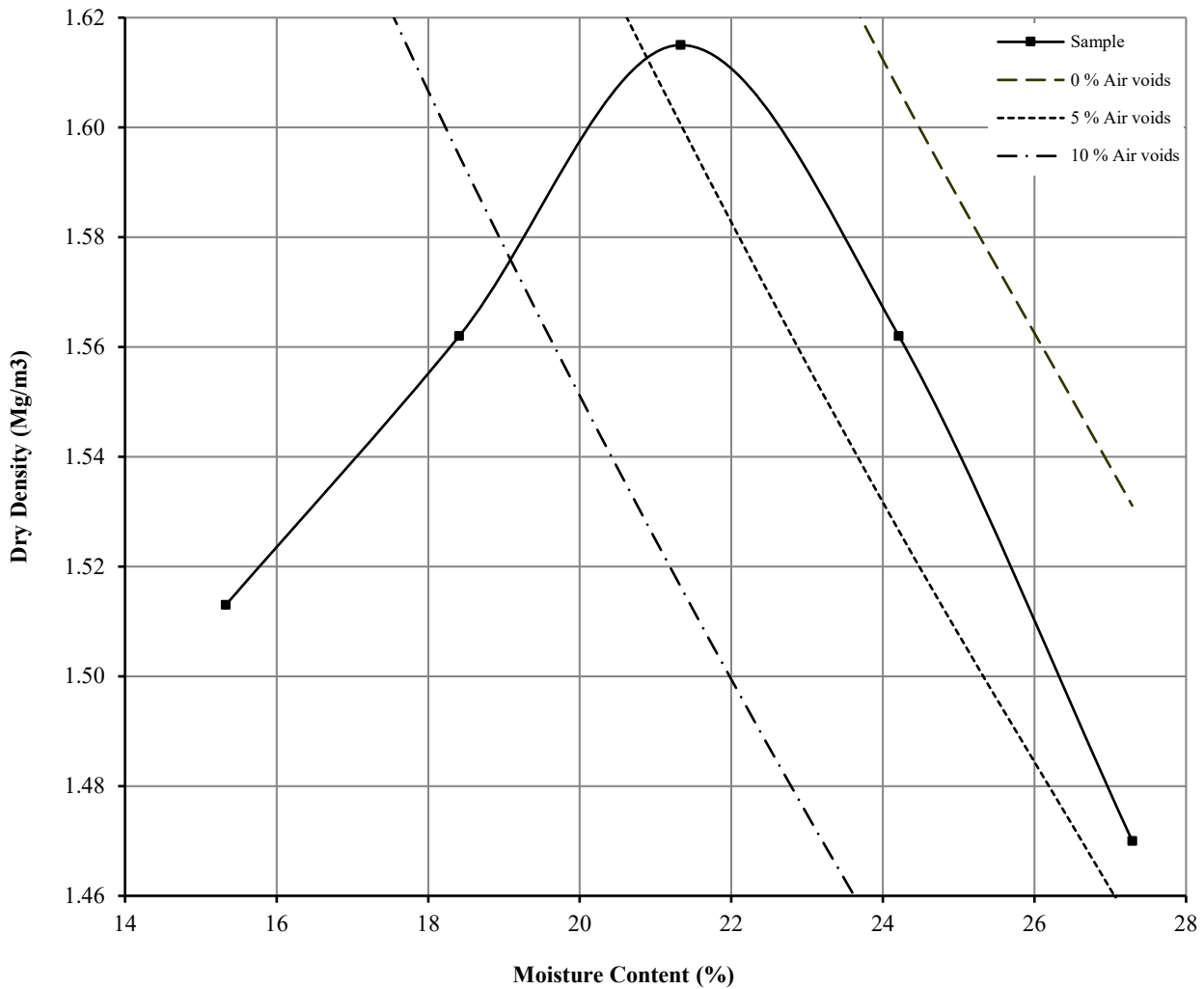
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990

Hole Number: TP08 Top Depth (m) : 0.70

Sample Number: Base Depth (m) : 1.20

Sample Type: B



Initial Moisture Content:	30	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.63	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.62	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	21			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

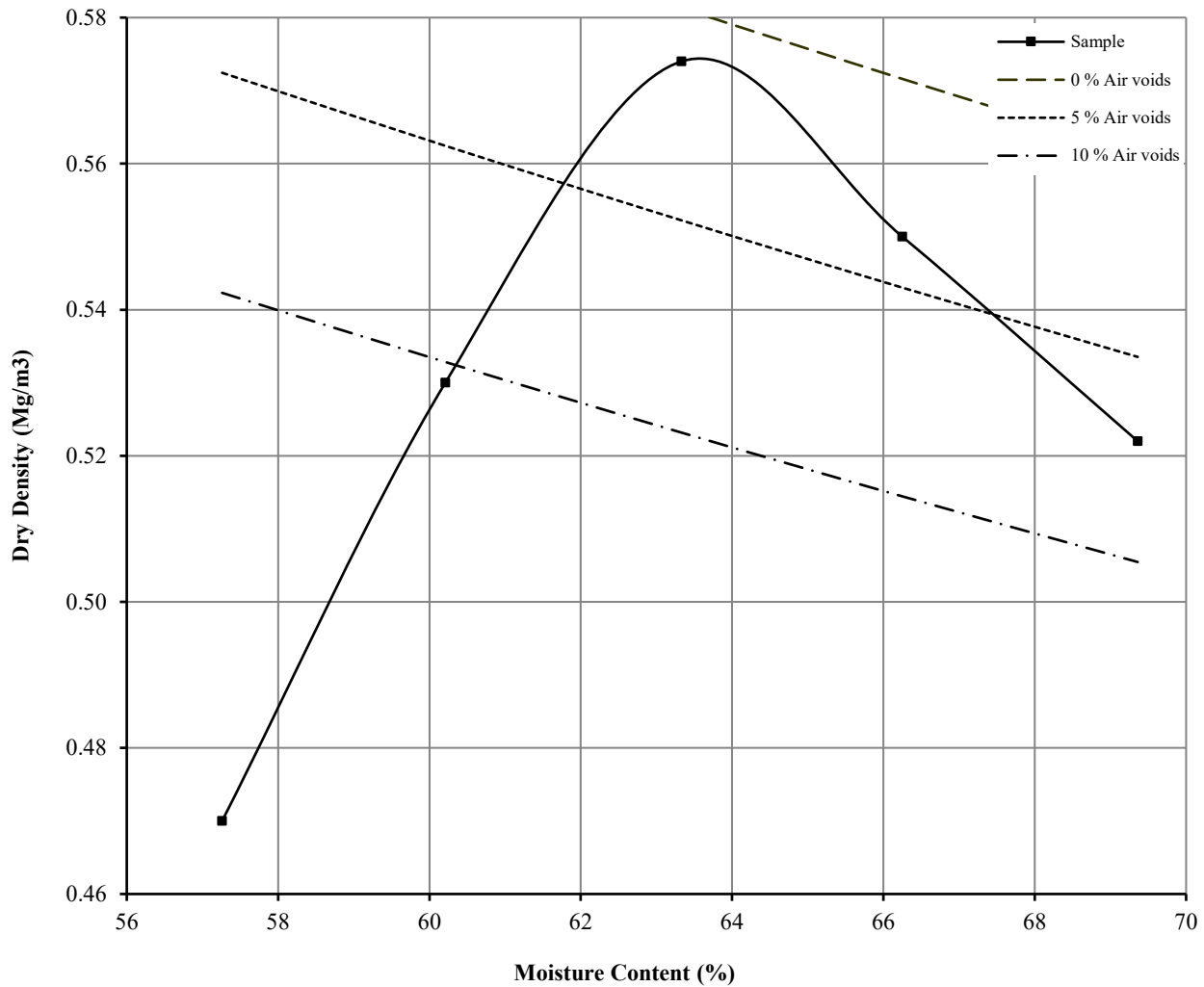
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990


Hole Number: TP12 Top Depth (m) : 1.00

Sample Number: Base Depth (m) : 1.40

Sample Type: B



Initial Moisture Content:	581	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	0.92	Measured	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	0.57		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	63			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

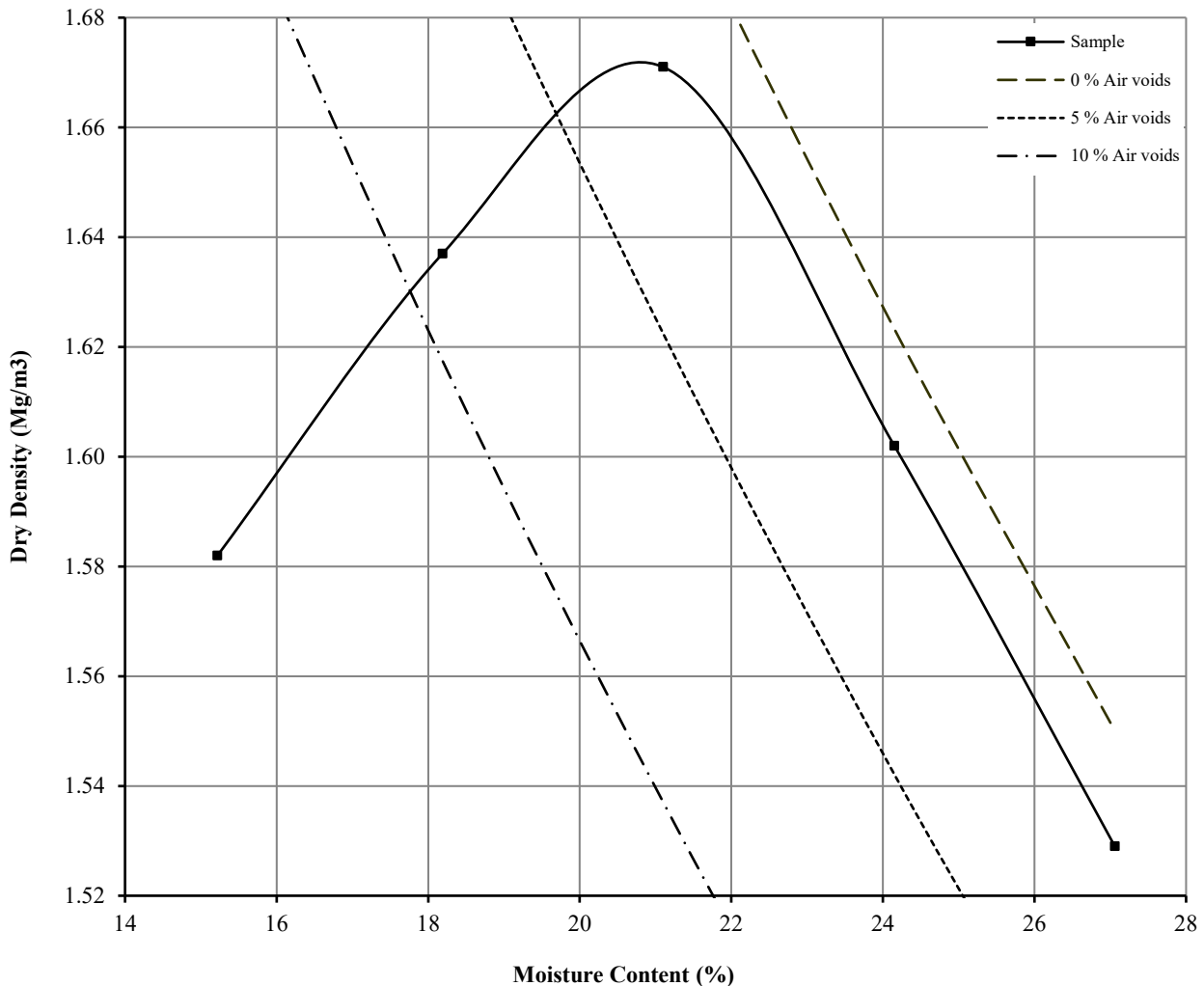
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990


Hole Number: TP19 Top Depth (m) : 1.10

Sample Number: Base Depth (m) : 1.30

Sample Type: B



Initial Moisture Content:	51	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.67	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.67	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	21			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

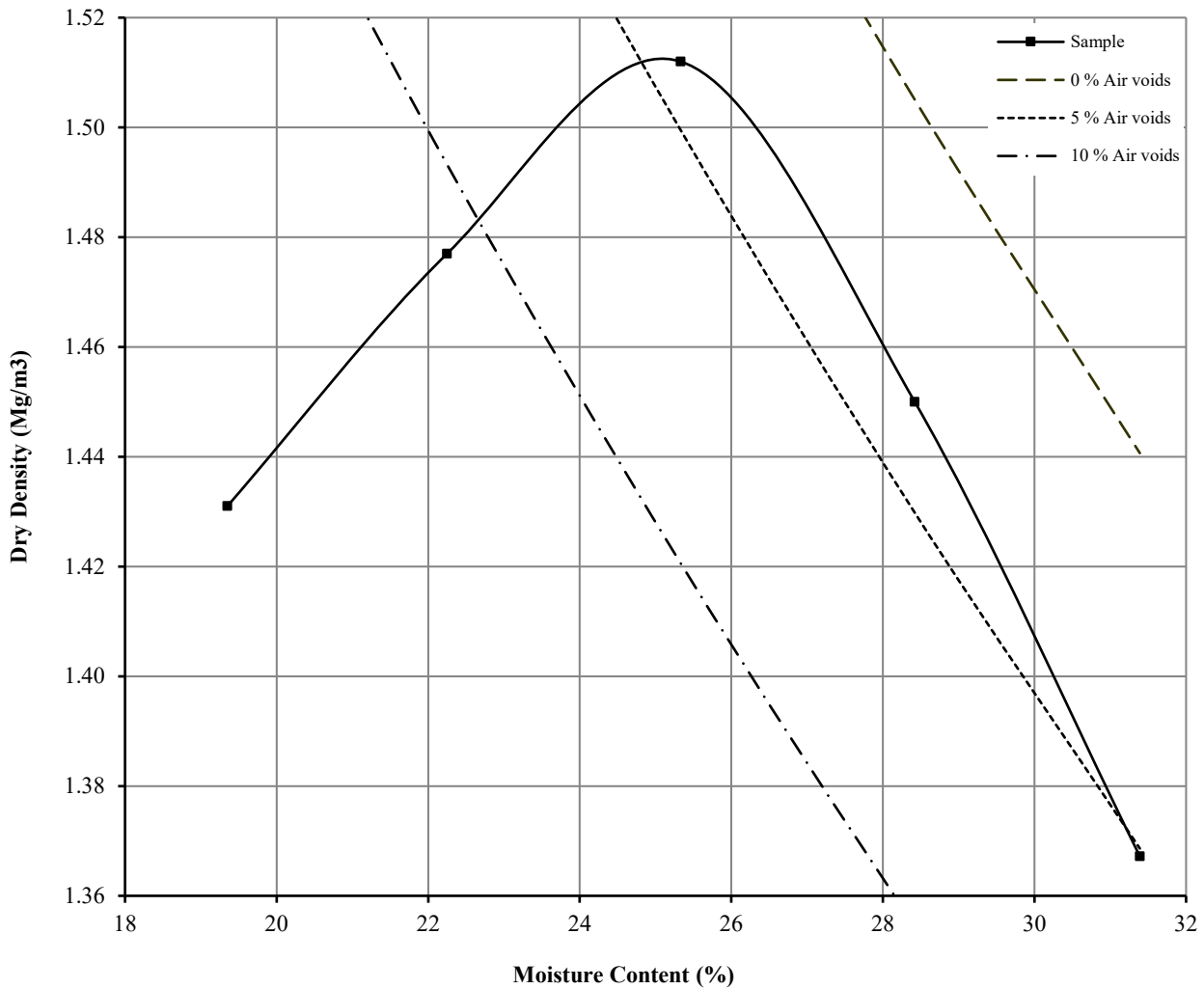
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP20 Top Depth (m) : 0.70

Sample Number: Base Depth (m) : 1.20

Sample Type: B



Initial Moisture Content:	31	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.63	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.51	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	25			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

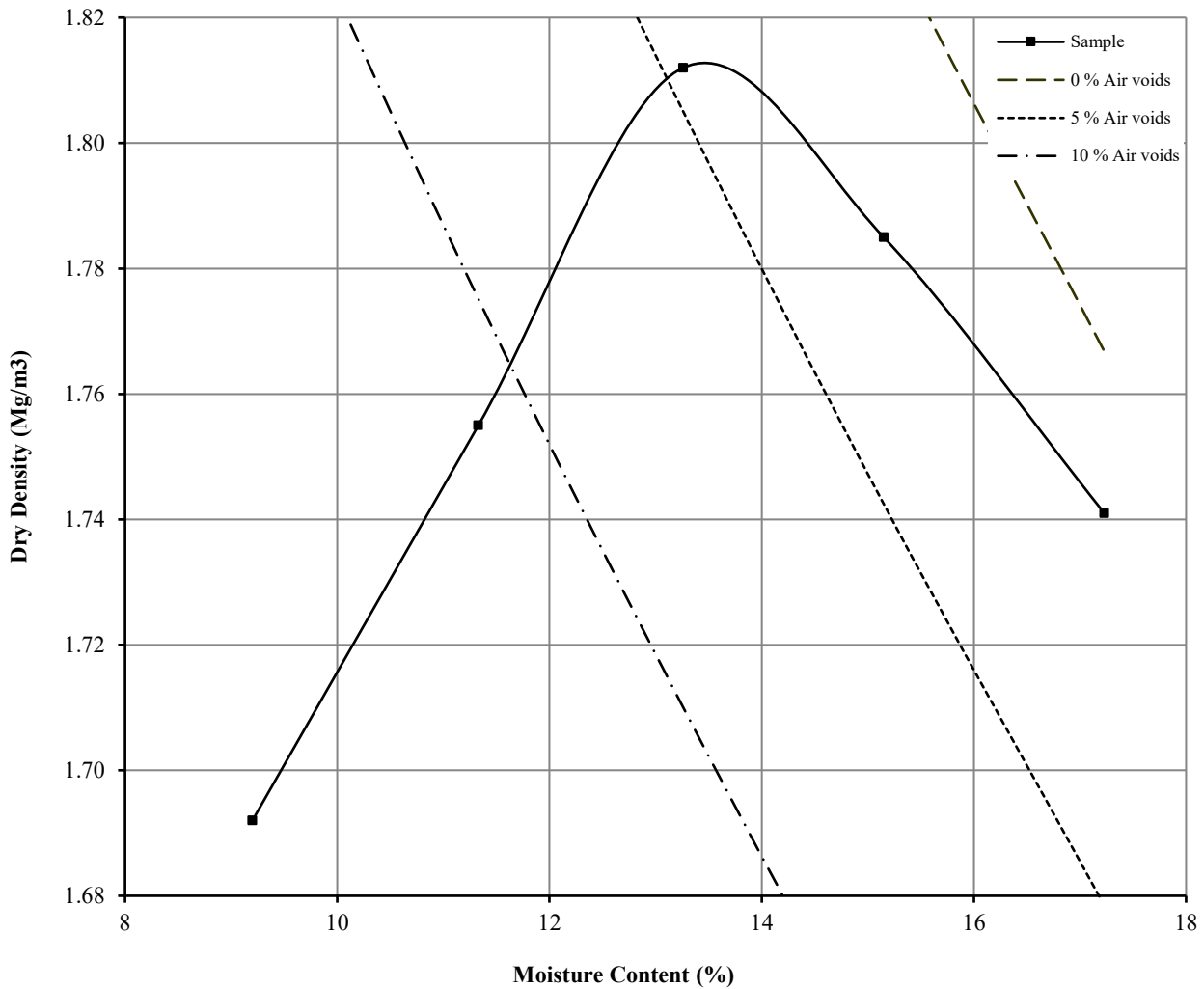
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP25 Top Depth (m) : 1.00

Sample Number: Base Depth (m) : 1.50

Sample Type: B



Initial Moisture Content:	15	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.54	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.81	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	13			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

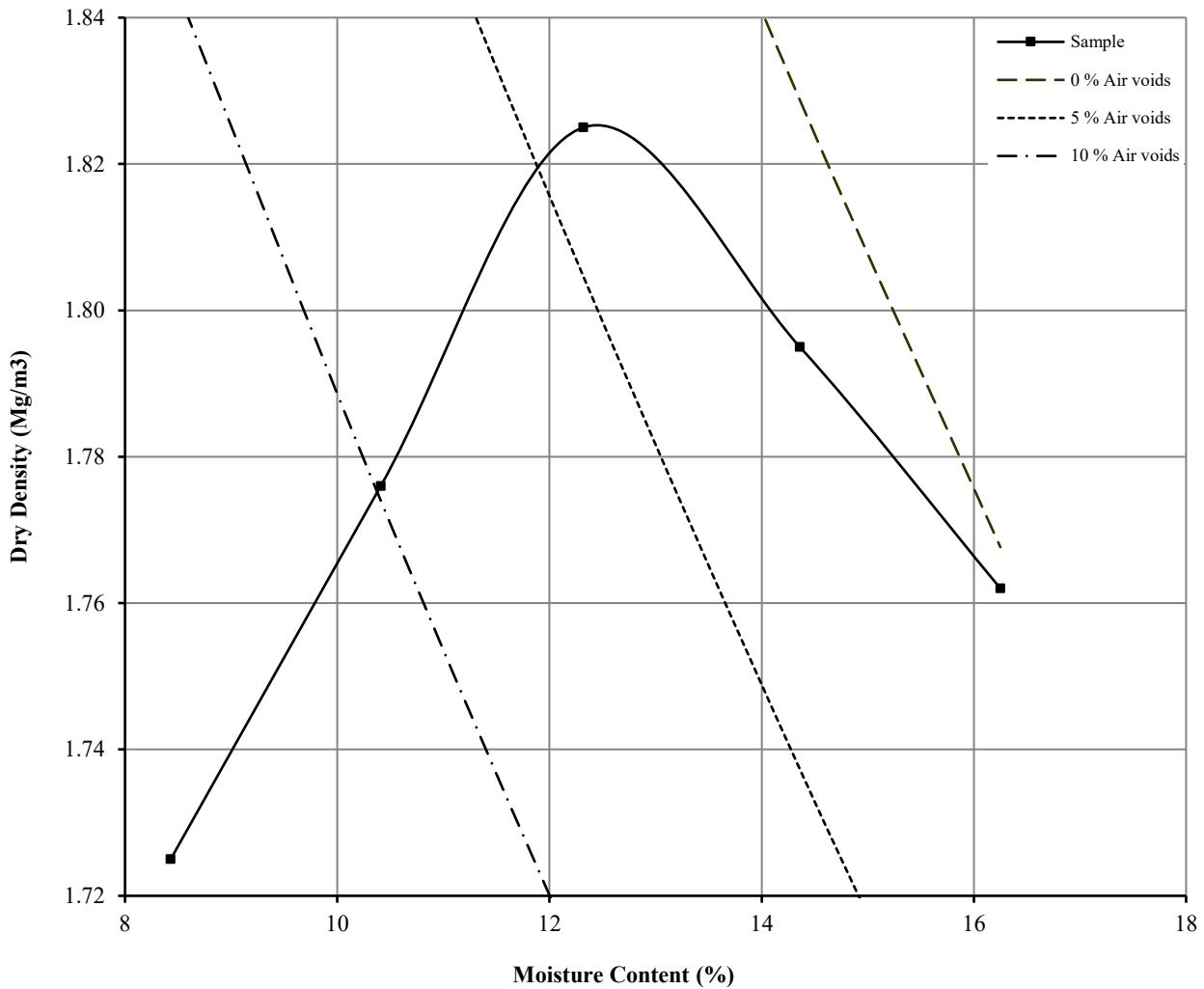
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP29 Top Depth (m) : 1.00

Sample Number: Base Depth (m) : 1.50

Sample Type: B



Initial Moisture Content:	21	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.48	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.83	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	12			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

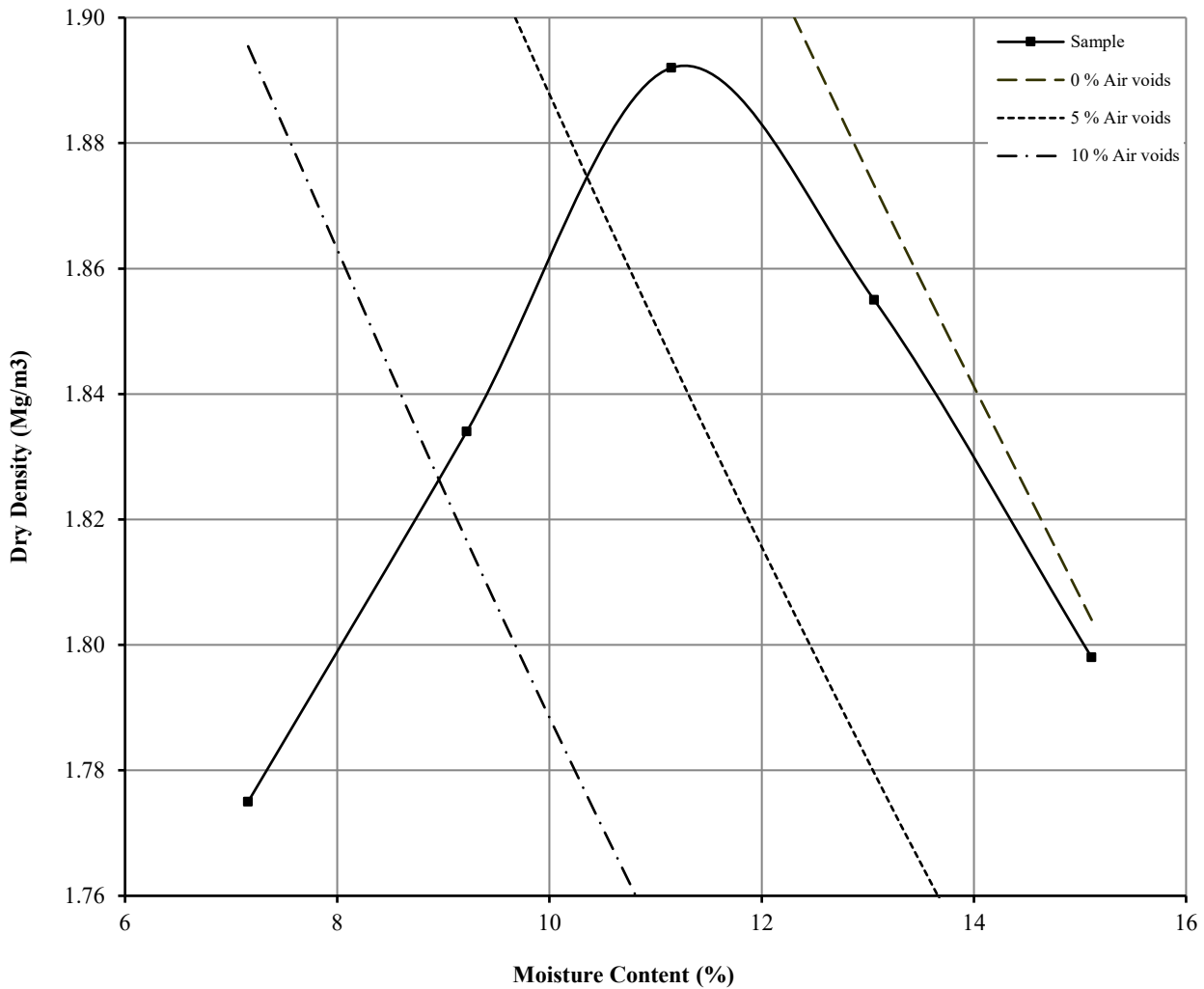
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990


Hole Number: TP32 Top Depth (m) : 1.50

Sample Number: Base Depth (m) : 2.00

Sample Type: B



Initial Moisture Content:	19	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.48	Measured	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.89		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	11			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

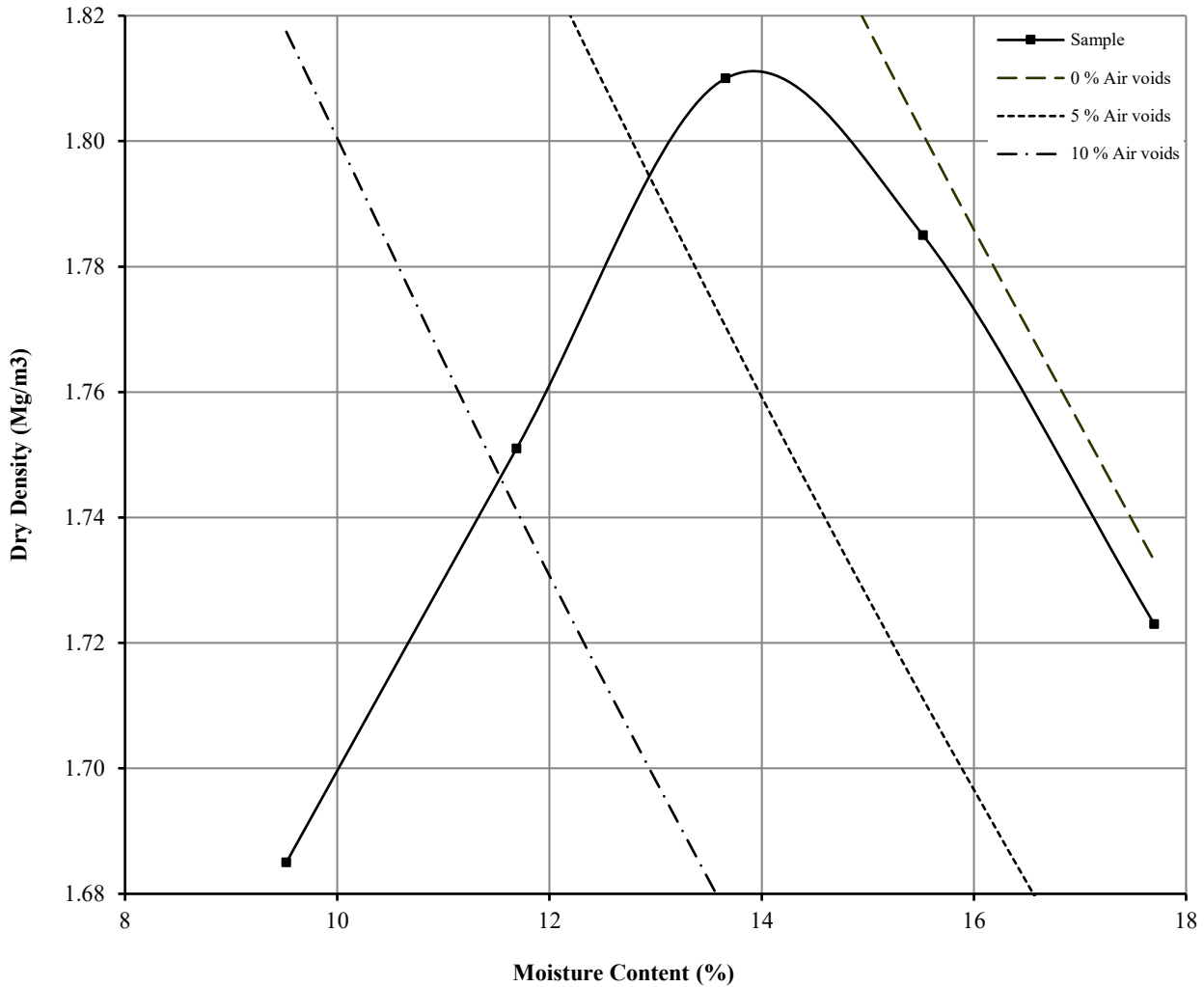
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP40 Top Depth (m) : 1.00

Sample Number: Base Depth (m) : 1.50

Sample Type: B



Initial Moisture Content:	18	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.50	Measured	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.81		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	14			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

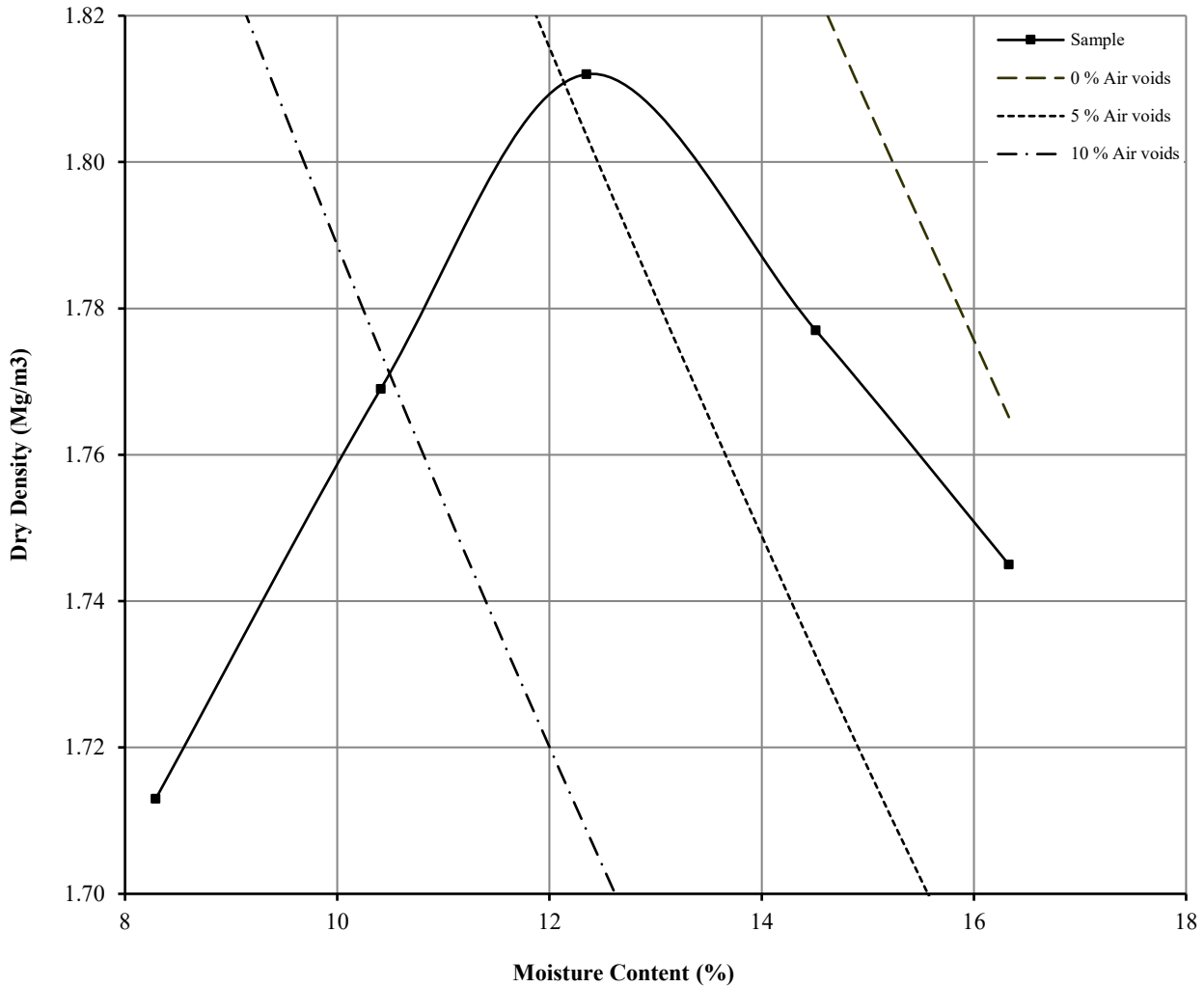
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990

Hole Number: TP46 Top Depth (m) : 1.70

Sample Number: Base Depth (m) : 2.20

Sample Type: B



Initial Moisture Content:	16	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.48	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.81	Material Retained on 20.0 mm Test Sieve (%):	0	
Optimum Moisture Content (%):	12			
Remarks See summary of soil descriptions				



Lincolnshire Lakes

Contract
PSL23/7758
Client Ref
221638

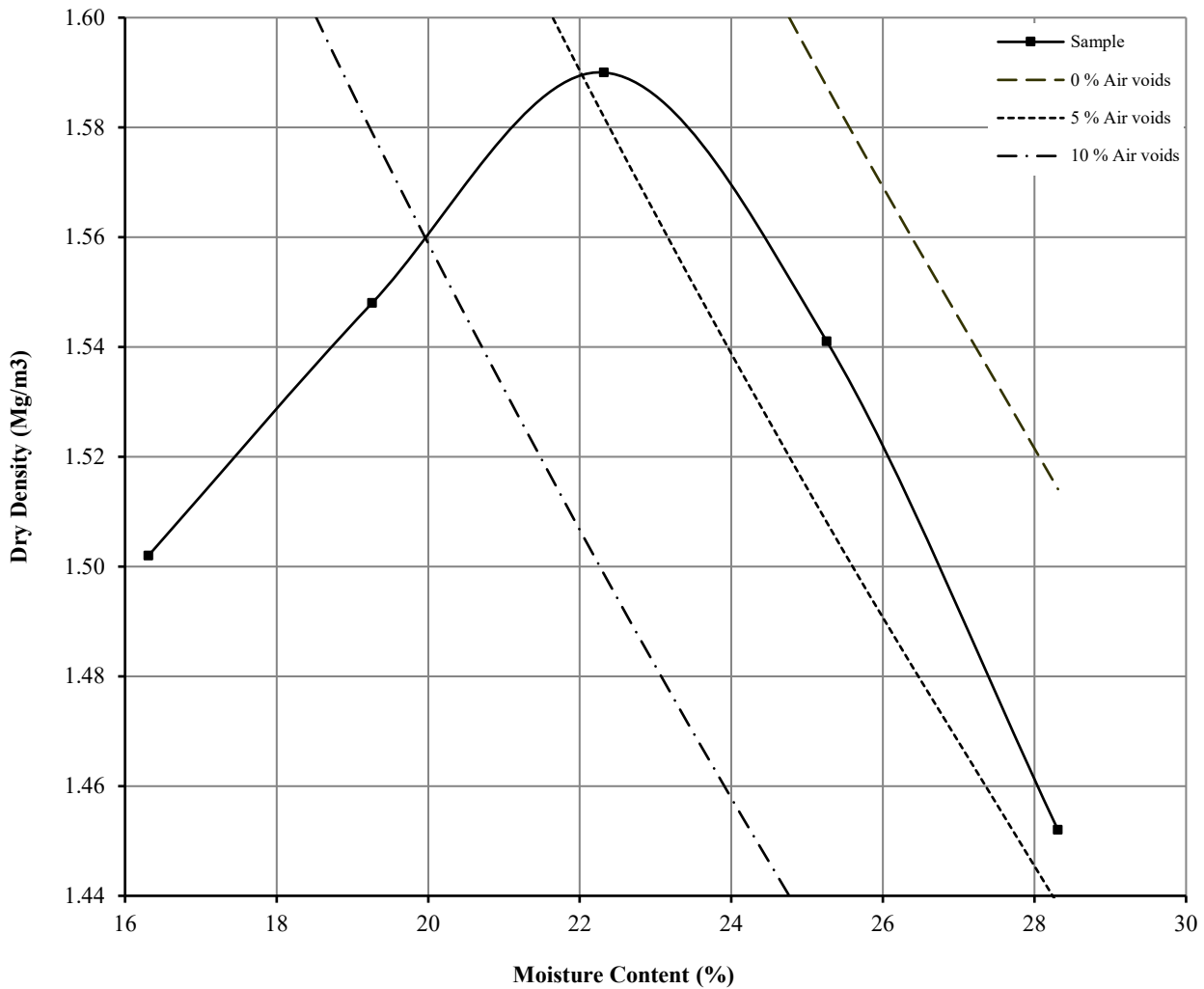
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990


Hole Number: TP50 Top Depth (m) : 1.20

Sample Number: Base Depth (m) : 1.50

Sample Type: B



Initial Moisture Content:	37	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.59		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	22			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

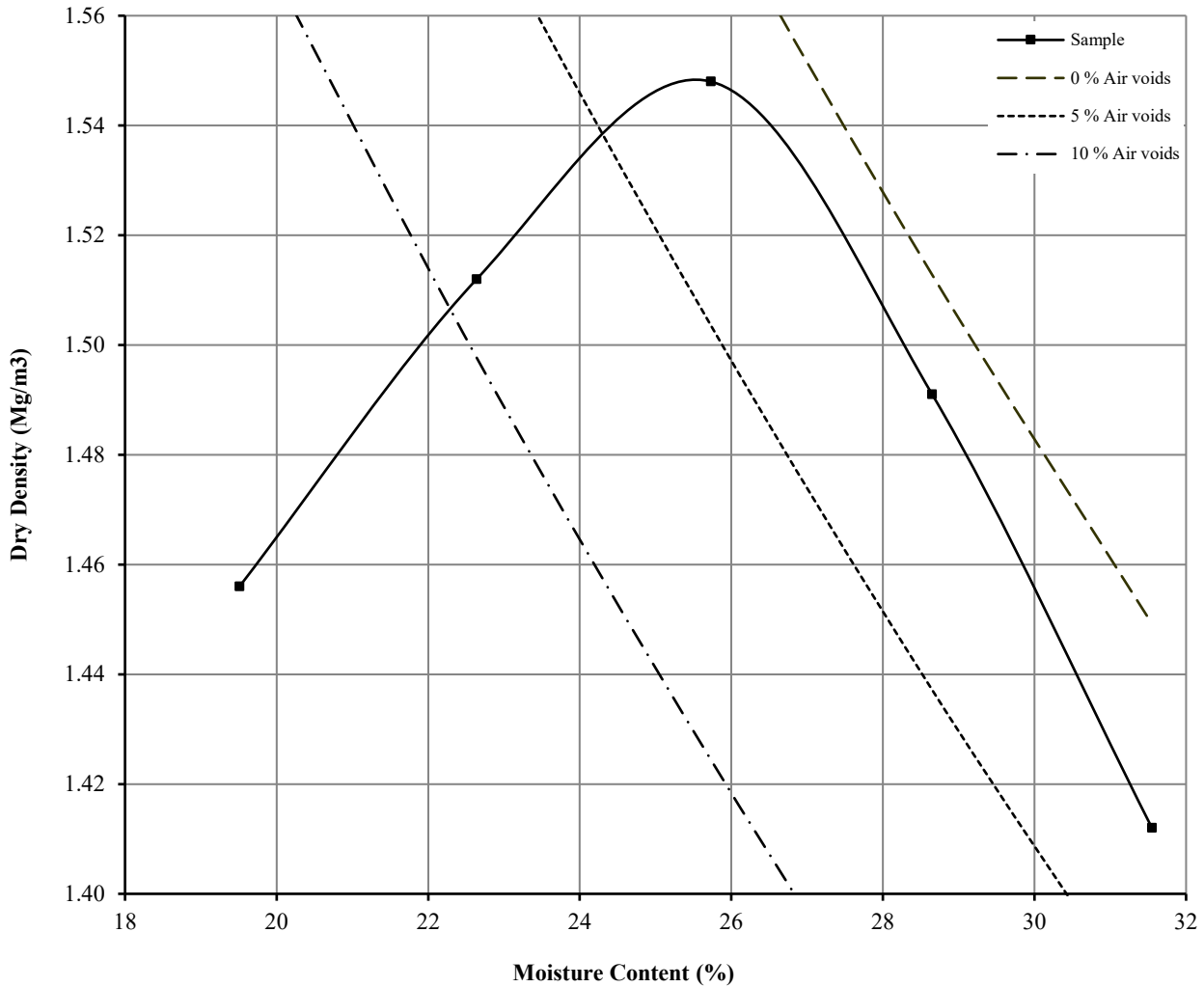
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.5 : 1990

Hole Number: TP51 Top Depth (m) : 0.40

Sample Number: Base Depth (m) : 0.80

Sample Type: B



Initial Moisture Content:	35	Method of Compaction:	4.5kg	Separate Samples
Particle Density (Mg/m ³):	2.67	Measured	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.55		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	26			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

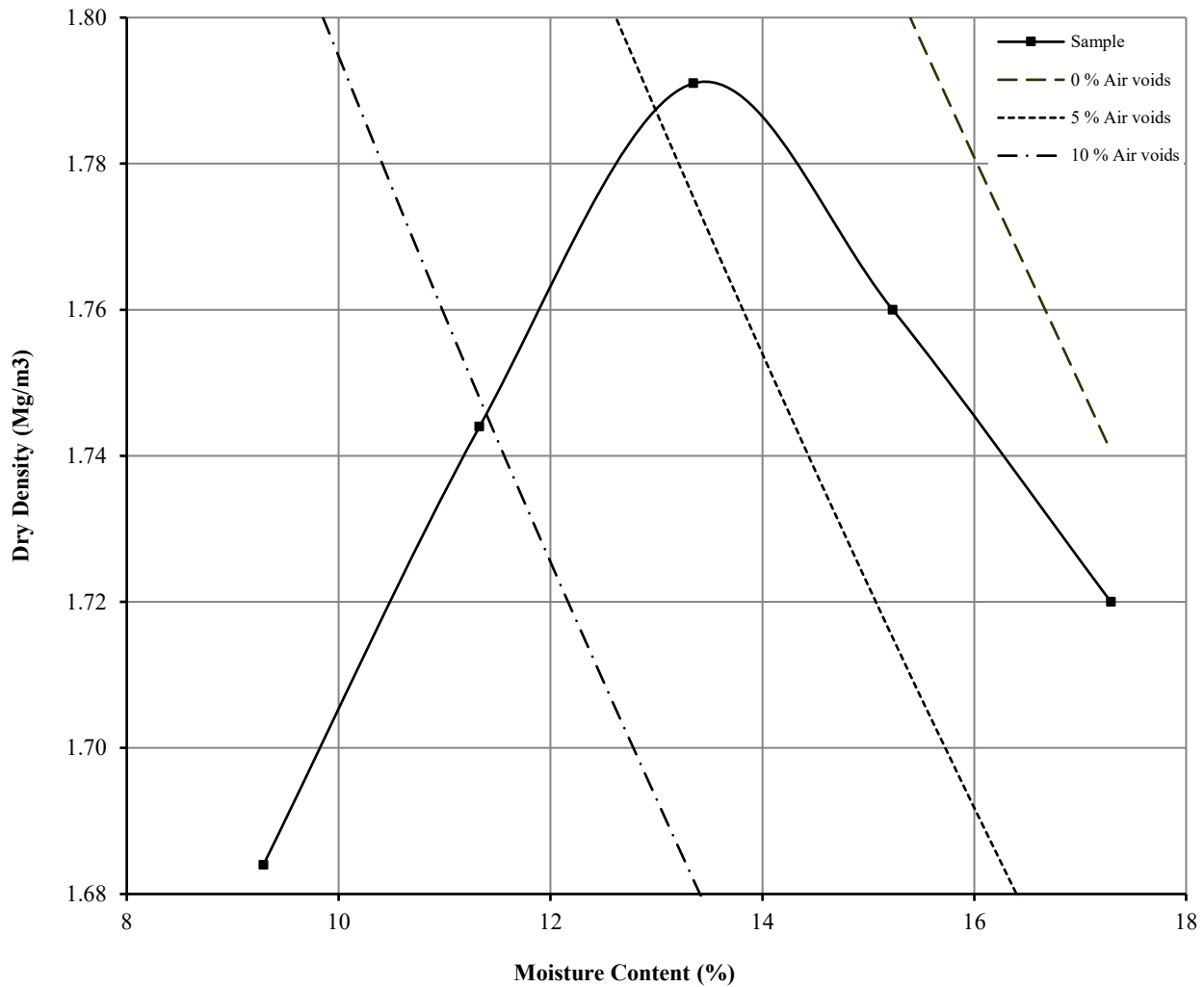
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990


Hole Number: TP52 Top Depth (m) : 1.20

Sample Number: Base Depth (m) : 1.70

Sample Type: B



Initial Moisture Content:	21	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.49	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.79		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	13			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638

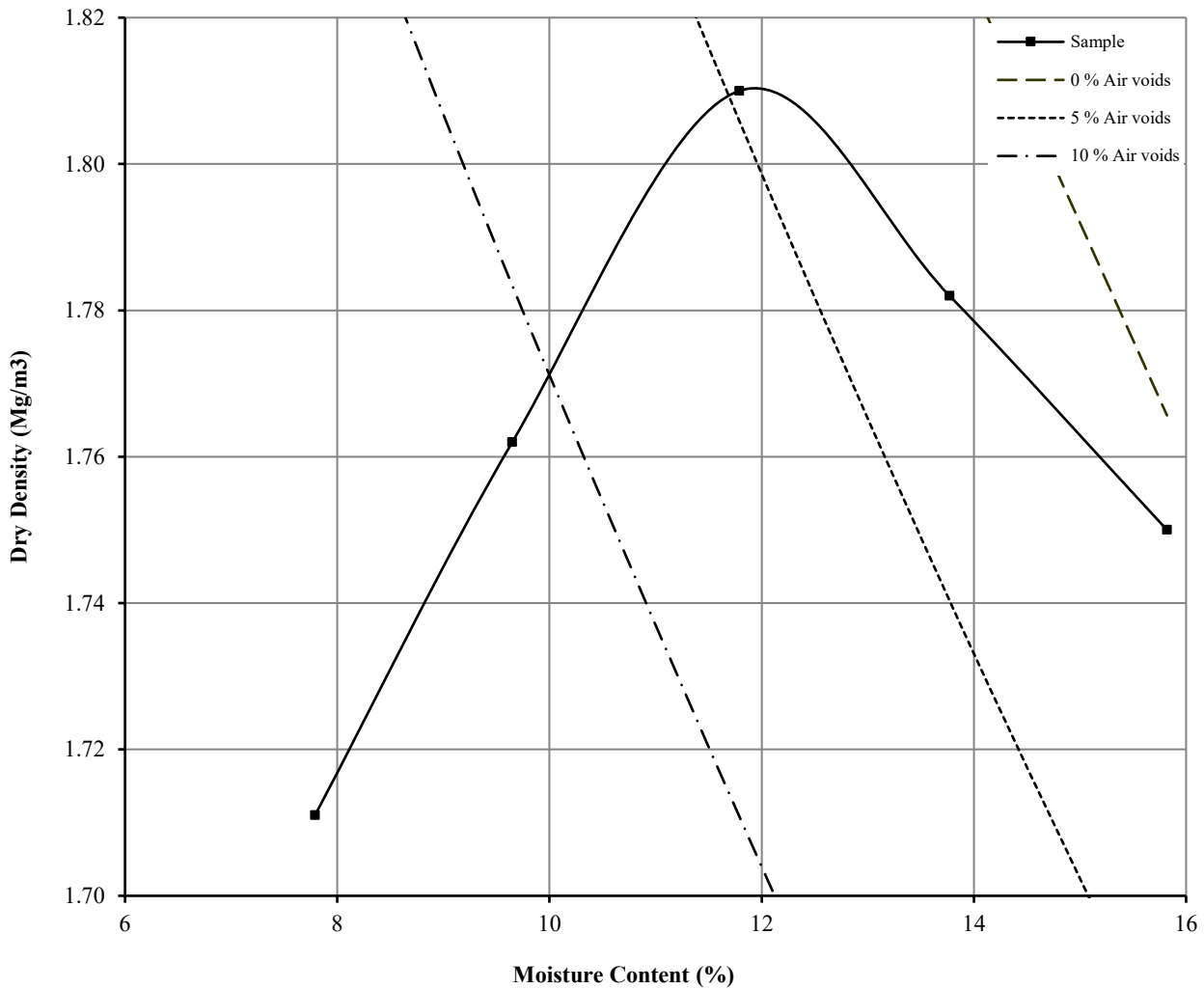
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : Clause 3.3 : 1990



Hole Number: TP56 Top Depth (m) : 1.80

Sample Number: Base Depth (m) : 2.20

Sample Type: B



Initial Moisture Content:	16	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.45	Measured	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.81		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	12			
Remarks See summary of soil descriptions				

 	<h2>Lincolnshire Lakes</h2>	Contract
		PSL23/7758
		Client Ref
		221638



4161



Professional Soils Laboratory
5/7 Hexthorpe Road
Hexthorpe
Doncaster
DN4 0AR

Analytical Test Report: L23/05499/PSL - 23-37597

Your Project Reference:	PSL23/7758 Lincolnshire Lakes		
Your Order Number:	PSL	Samples Received / Instructed:	21/09/2023 / 21/09/2023
Report Issue Number:	1	Sample Tested:	21/09 to 28/09/2023
Samples Analysed:	15 soil samples	Report issued:	28/09/2023

Signed

James Gane
Analytical Services Manager
CTS Group

Notes:

General

Please refer to Methodologies page for details pertaining to the analytical methods undertaken.

Samples will be retained for 14 days after issue of this report unless otherwise requested.

Moisture Content was determined in accordance with CTS method statement MS - CL - Sample Prep, oven dried at <30°C.

Moisture Content is reported as a percentage of the dry mass of soil, this calculation is in accordance with BS1377, Part 2, 1990, Clause 3.2

Where specification limits are included these are for guidance only. Where a measured value has been highlighted this is not implying acceptance or failure and certainty of measurement values have not been taken into account.

Uncertainty of measurement values are available on request.

Samples were supplied by customer, results apply to the samples as received.

Deviating Samples

On receipt samples are compared against our sample holding and handling protocols, where any deviations have been noted these are reported on our deviating sample page (if present)

Accreditation Key

UKAS = UKAS Accreditation, MCERTS = MCERTS Accreditation, u = Unaccredited

MCERTS Accreditation only covers the SAND, CLAY and LOAM matrices

Date of Issue: 29.08.2023

Issued by: J. Gane

Issue No: 4

Rev No: 3



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Analytical Test Results - Chemical Analysis

Lab Reference	315999	316000	316001	316003	316004	316005	316006		
Client Sample ID	-	-	-	-	-	-	-		
Client Sample Location	TP50	TP42	TP25	TP22	TP44	TP30	TP43		
Client Sample Type	D	D	D	D	D	D	D		
Client Sample Number	-	-	-	-	-	-	-		
Depth - Top (m)	1.40	0.50	0.50	2.00	1.75	1.50	0.70		
Depth - Bottom (m)	1.40	0.50	0.50	2.00	1.75	1.50	0.70		
Date of Sampling	-	-	-	-	-	-	-		
Time of Sampling	-	-	-	-	-	-	-		
Sample Matrix	Other	Other	Sand	Sand	Sand	Sand	Other		
Determinant	Units	Accreditation							
Water soluble sulphate (as SO ₄)	(mg/l)	u	29	74	< 10	39	< 10	< 10	63
Acid Soluble Sulphate	(%)	u	0.04	0.04	< 0.01	< 0.01	< 0.01	< 0.01	0.06
Total Sulphur	(%)	UKAS	0.04	0.04	< 0.01	0.01	< 0.01	< 0.01	< 0.01
pH Value	pH Units	MCERTS	8.2	8.3	8.4	8.2	8.3	7.0	6.2



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Analytical Test Results - Chemical Analysis

Lab Reference	316007	316008	316009	316010	316011	316012		
Client Sample ID	-	-	-	-	-	-		
Client Sample Location	TP12	TP53	TP06	TP46	BH12	BH16		
Client Sample Type	D	D	D	D	D	D		
Client Sample Number	-	-	-	-	-	-		
Depth - Top (m)	0.60	0.55	1.80	1.20	1.10	0.50		
Depth - Bottom (m)	0.60	0.55	1.80	1.20	1.10	0.50		
Date of Sampling	-	-	-	-	-	-		
Time of Sampling	-	-	-	-	-	-		
Sample Matrix	Other	Sand	Other	Sand	Other	Other		
Determinant	Units	Accreditation						
Water soluble sulphate (as SO ₄)	(mg/l)	u	92	16	650	19	1700	28
Acid Soluble Sulphate	(%)	u	0.08	0.01	0.20	< 0.01	0.49	0.03
Total Sulphur	(%)	UKAS	0.02	< 0.01	0.28	< 0.01	0.24	0.02
pH Value	pH Units	MCERTS	8.1	8.2	7.6	8.1	5.7	7.1



4161



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Sample Descriptions

Lab Reference	Client Sample ID	Client Sample Location	Client Sample Type	Client Sample Number	Description	Moisture Content (%)	Stone Content (%)	Passing 2mm test sieve (%)
315999	-	TP50	D	-	Brown silt	-	-	100
316000	-	TP42	D	-	Brown silt	-	-	100
316001	-	TP25	D	-	Brown silty sand	-	-	100
316003	-	TP22	D	-	Grey silty sand	-	-	100
316004	-	TP44	D	-	Brown silty sand	-	-	100
316005	-	TP30	D	-	Brown silty sand	-	-	100
316006	-	TP43	D	-	Dark brown silt	-	-	100
316007	-	TP12	D	-	Brown silt	-	-	100
316008	-	TP53	D	-	Dark brown sand	-	-	100
316009	-	TP06	D	-	Brown silt	-	-	100
316010	-	TP46	D	-	Brown silty sand	-	-	100
316011	-	BH12	D	-	Dark brown silt	-	-	100
316012	-	BH16	D	-	Dark brown silt	-	-	100



4161



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Sample Comments

Lab Reference	Client Sample ID	Client Sample Location	Client Sample Type	Client Sample Number	Comments
315999	-	TP50	D	-	
316000	-	TP42	D	-	
316001	-	TP25	D	-	
316003	-	TP22	D	-	
316004	-	TP44	D	-	
316005	-	TP30	D	-	
316006	-	TP43	D	-	
316007	-	TP12	D	-	
316008	-	TP53	D	-	
316009	-	TP06	D	-	
316010	-	TP46	D	-	
316011	-	BH12	D	-	
316012	-	BH16	D	-	



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Analysis Methodologies

Test Code	Test Name / Reference	Sample condition for analysis	Sample Preparation	Test Details
ANIONSS	MS - CL - Anions by Aquakem (2:1Extract)	Oven dried	Passing 2mm test sieve	Determination of Anions (inc Sulphate, chloride etc.) in soils by Aquakem. Analysis is based on a 2:1 water to soil extraction ratio
PHS	MS - CL - pH in Soils	As received	Passing 10mm test sieve	Determination of pH in soils using a pH probe (using a 1:3 soil to water extraction)
ASSO4S	MS - CL - Acid Soluble Sulphate	Oven Dried	Passing 2mm test sieve	Determination of total sulphate in soils by acid extraction followed by ICP analysis
SAMPLEPREP	MS - CL - Sample Preparation	-	-	Preparation of samples (including determination of moisture content) to allow for subsequent analysis
1377TS-ELT	BS1377 Total Sulphur Content by HTC	Oven dried	BS1377 : Part 1 : 2016	Total Sulphur Content testing of Soil in accordance with BS 1377 : Part 3 : 2018 + A1 : 2021 Clause 7.10 (using Eltra CS-800 Analyser)



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Sample Deviations

Deviations are listed below against each sample and associated test method, where deviation(s) are noted it means data may not be representative of the sample at the time of sampling and it is possible that results provided may be compromised.

Observations on receipt

A - No date of sampling provided

C - Received in inappropriate container

H - Contains headspace

T - Temperature on receipt exceeds storage temperature

R - Sample(s) received with less than 96 hours for testing to commence/complete, any result formally classed as deviating will be marked with an X against the applicable test (i.e. RX)

Observations whilst in laboratory

X - Exceeds sampling to extraction or analysis timescales

Lab Reference	Client Sample ID	Client Sample Location	Client Sample Type	Client Sample Number	Test	Deviations
315999	-	TP50	D	-	BS1377 Total Sulphur Content by HTC	A
315999	-	TP50	D	-	MS - CL - Acid Soluble Sulphate	A
315999	-	TP50	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
315999	-	TP50	D	-	MS - CL - Sample Preparation	A
315999	-	TP50	D	-	MS - CL - pH in Soils	A
316000	-	TP42	D	-	BS1377 Total Sulphur Content by HTC	A
316000	-	TP42	D	-	MS - CL - Acid Soluble Sulphate	A
316000	-	TP42	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316000	-	TP42	D	-	MS - CL - Sample Preparation	A
316000	-	TP42	D	-	MS - CL - pH in Soils	A
316001	-	TP25	D	-	BS1377 Total Sulphur Content by HTC	A
316001	-	TP25	D	-	MS - CL - Acid Soluble Sulphate	A
316001	-	TP25	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316001	-	TP25	D	-	MS - CL - Sample Preparation	A
316001	-	TP25	D	-	MS - CL - pH in Soils	A
316002	-	TP24	D	-		A
316003	-	TP22	D	-	BS1377 Total Sulphur Content by HTC	A
316003	-	TP22	D	-	MS - CL - Acid Soluble Sulphate	A
316003	-	TP22	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316003	-	TP22	D	-	MS - CL - Sample Preparation	A
316003	-	TP22	D	-	MS - CL - pH in Soils	A
316004	-	TP44	D	-	BS1377 Total Sulphur Content by HTC	A
316004	-	TP44	D	-	MS - CL - Acid Soluble Sulphate	A
316004	-	TP44	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316004	-	TP44	D	-	MS - CL - Sample Preparation	A
316004	-	TP44	D	-	MS - CL - pH in Soils	A
316005	-	TP30	D	-	BS1377 Total Sulphur Content by HTC	A
316005	-	TP30	D	-	MS - CL - Acid Soluble Sulphate	A
316005	-	TP30	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316005	-	TP30	D	-	MS - CL - Sample Preparation	A
316005	-	TP30	D	-	MS - CL - pH in Soils	A
316006	-	TP43	D	-	BS1377 Total Sulphur Content by HTC	A
316006	-	TP43	D	-	MS - CL - Acid Soluble Sulphate	A
316006	-	TP43	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316006	-	TP43	D	-	MS - CL - Sample Preparation	A
316006	-	TP43	D	-	MS - CL - pH in Soils	A



7 - 11 Harding Street
Leicester
LE1 4DH

L23/05499/PSL - 23-37597

Project Reference - PSL23/7758 Lincolnshire Lakes

Sample Deviations

Deviations are listed below against each sample and associated test method, where deviation(s) are noted it means data may not be representative of the sample at the time of sampling and it is possible that results provided may be compromised.

Observations on receipt

A - No date of sampling provided

C - Received in inappropriate container

H - Contains headspace

T - Temperature on receipt exceeds storage temperature

R - Sample(s) received with less than 96 hours for testing to commence/complete, any result formally classed as deviating will be marked with an X against the applicable test (i.e. RX)

Observations whilst in laboratory

X - Exceeds sampling to extraction or analysis timescales

Lab Reference	Client Sample ID	Client Sample Location	Client Sample Type	Client Sample Number	Test	Deviations
316007	-	TP12	D	-	BS1377 Total Sulphur Content by HTC	A
316007	-	TP12	D	-	MS - CL - Acid Soluble Sulphate	A
316007	-	TP12	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316007	-	TP12	D	-	MS - CL - Sample Preparation	A
316007	-	TP12	D	-	MS - CL - pH in Soils	A
316008	-	TP53	D	-	BS1377 Total Sulphur Content by HTC	A
316008	-	TP53	D	-	MS - CL - Acid Soluble Sulphate	A
316008	-	TP53	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316008	-	TP53	D	-	MS - CL - Sample Preparation	A
316008	-	TP53	D	-	MS - CL - pH in Soils	A
316009	-	TP06	D	-	BS1377 Total Sulphur Content by HTC	A
316009	-	TP06	D	-	MS - CL - Acid Soluble Sulphate	A
316009	-	TP06	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316009	-	TP06	D	-	MS - CL - Sample Preparation	A
316009	-	TP06	D	-	MS - CL - pH in Soils	A
316010	-	TP46	D	-	BS1377 Total Sulphur Content by HTC	A
316010	-	TP46	D	-	MS - CL - Acid Soluble Sulphate	A
316010	-	TP46	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316010	-	TP46	D	-	MS - CL - Sample Preparation	A
316010	-	TP46	D	-	MS - CL - pH in Soils	A
316011	-	BH12	D	-	BS1377 Total Sulphur Content by HTC	A
316011	-	BH12	D	-	MS - CL - Acid Soluble Sulphate	A
316011	-	BH12	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316011	-	BH12	D	-	MS - CL - Sample Preparation	A
316011	-	BH12	D	-	MS - CL - pH in Soils	A
316012	-	BH16	D	-	BS1377 Total Sulphur Content by HTC	A
316012	-	BH16	D	-	MS - CL - Acid Soluble Sulphate	A
316012	-	BH16	D	-	MS - CL - Anions by Aquakem (2:1Extract)	A
316012	-	BH16	D	-	MS - CL - Sample Preparation	A
316012	-	BH16	D	-	MS - CL - pH in Soils	A
316013	-	BH03	D	-		A

Appendix 7: CLEA Screening Sheet

STATISTICAL APPROACH FOR ASSESSING RISK TO HUMAN HEALTH FROM CONTAMINATED LAND 2008

CIEH/CLAIRE Guidance on Comparing Soil Contamination Data with a Critical Concentration May 2008

STAGE 1
QA CHECK

Are data of acceptable quality
Lab sampling errors / erroneous results
Are data sufficient to characterise area of interest

No

Review CSM, update sampling and analytical strategy

yes

STAGE 2
DATA SCREENING

Compare all data against GSAC
Do any values exceed GSAC?

No

True mean is less than critical concentration
No action required

Yes

STAGE 3
ZONING AND
OUTLIER CHECK

Plot data on bubble chart
Plot histogram
Identify and deal with non detects

Outliers

Assess Outliers directly against GSAC

Non detects to DL or DL/2
Remove outliers

STAGE 4
UPPER CONFIDENCE
LIMIT

With outliers removed
do any values exceed GSAC ?

No

True mean is less than critical concentration
No action required

Yes

With outliers removed are data normally Distributed
Histogram
Shapiro Wilkes test, q-q plot

Normal

Non-normal

Normal Distributed data
UCL from Students t-test

Non-normal Distributed data
UCL from Chebychev theorem

Compare UCL to GSAC
Does UCL exceed GSAC?

No

True mean is less than critical concentration
No action required

Yes

true mean is greater than critical concentration
Further action required

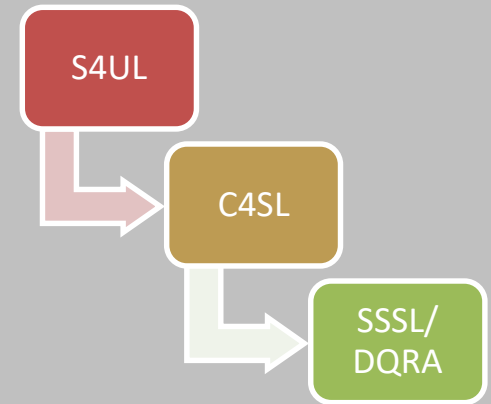
Human Health Generic QRA Worksheet



Lincolnshire Lakes	221638
All data assessed as one averaging area	

GSAC Hierarchy

Define CSM – Is site represented by a standard land use?
 Residential with / without homegrown produce
 Commercial / Industrial
 Public Open Space - Residential (S4UL/C4SL only)
 Public Open Space - Park (S4UL/C4SL only)



GSAC Type (BWB, LQM S4UL, C4SL, Bespoke)	LQM_CIEH_S4UL
Key Receptor/CSM (Residential/Commercial/POS)	S4UL Residential with homegrown produce
Organic Matter % (If unknown use 1%)	2.5

Generic Assessment Criteria



**Lincolnshire Lakes
221638**

**S4UL Residential
with homegrown
produce
mg/kg**

Source

Arsenic	3.70E+01	LQM_CIEH_S4UL
Barium	1.35E+03	LQM_CIEH_S4UL
Beryllium	1.70E+00	LQM_CIEH_S4UL
Boron	2.90E+02	LQM_CIEH_S4UL
Cadmium	1.10E+01	LQM_CIEH_S4UL
Chromium VI	6.00E+00	LQM_CIEH_S4UL
Chromium III	9.10E+02	LQM_CIEH_S4UL
Copper	2.40E+03	LQM_CIEH_S4UL
Lead	2.00E+02	DEFRA_C4SL
Inorganic Mercury	4.00E+01	LQM_CIEH_S4UL
Nickel	1.80E+02	LQM_CIEH_S4UL
Selenium	2.50E+02	LQM_CIEH_S4UL
Vanadium	4.10E+02	LQM_CIEH_S4UL
Zinc	3.70E+03	LQM_CIEH_S4UL
pH	<4.5 >9.5	BWB
Cyanide (free)	4.30E+01	BWB
Cyanide (Complex)	2.13E+02	LQM_CIEH_S4UL
Phenol	2.00E+02	LQM_CIEH_S4UL
Benzene	1.70E-01	LQM_CIEH_S4UL
Toluene	2.90E+02	LQM_CIEH_S4UL
Ethylbenzene	1.10E+02	LQM_CIEH_S4UL
Total Xylene	1.30E+02	LQM_CIEH_S4UL
TPH (EC5-6) aliphatic	7.80E+01	LQM_CIEH_S4UL
TPH (>EC6-8) aliphatic	2.30E+02	LQM_CIEH_S4UL
TPH (>EC8-10) aliphatic	6.50E+01	LQM_CIEH_S4UL
TPH (>EC10-12) aliphatic	3.30E+02	LQM_CIEH_S4UL
TPH (>EC12-16) aliphatic	2.40E+03	LQM_CIEH_S4UL
TPH (>EC16-21) aliphatic	9.20E+04	LQM_CIEH_S4UL
TPH (>EC21-35) aliphatic	9.20E+04	LQM_CIEH_S4UL
TPH (>EC35-44) aliphatic	9.20E+04	LQM_CIEH_S4UL
TPH (>EC6-7) aromatic (benzene)	1.40E+02	LQM_CIEH_S4UL
TPH (>EC7-8) aromatic (toluene)	2.90E+02	LQM_CIEH_S4UL
TPH (>EC8-10) aromatic	8.30E+01	LQM_CIEH_S4UL
TPH (>EC10-12) aromatic	1.80E+02	LQM_CIEH_S4UL
TPH (>EC12-16) aromatic	3.30E+02	LQM_CIEH_S4UL
TPH (>EC16-21) aromatic	5.40E+02	LQM_CIEH_S4UL
TPH (>EC21-35) aromatic	1.50E+03	LQM_CIEH_S4UL
TPH (>EC35-44) aromatic	1.50E+03	LQM_CIEH_S4UL
Total TPH	5.00E+02	LQM_CIEH_S4UL
Naphthalene	5.60E+00	LQM_CIEH_S4UL
Acenaphthylene	4.20E+02	LQM_CIEH_S4UL
Acenaphthene	5.10E+02	LQM_CIEH_S4UL
Fluorene	4.00E+02	LQM_CIEH_S4UL
Phenanthrene	2.20E+02	LQM_CIEH_S4UL
Anthracene	5.40E+03	LQM_CIEH_S4UL
Fluoranthene	5.60E+02	LQM_CIEH_S4UL
Pyrene	1.20E+03	LQM_CIEH_S4UL

Generic Assessment CriteriaLincolnshire Lakes
221638S4UL Residential
with homegrown
produce
mg/kg**Source**

Benzo(a)anthracene	1.10E+01	LQM_CIEH_S4UL
Chrysene	2.20E+01	LQM_CIEH_S4UL
Benzo(b)fluoranthene	3.30E+00	LQM_CIEH_S4UL
Benzo(k)fluoranthene	9.30E+01	LQM_CIEH_S4UL
Benzo(a)pyrene	2.70E+00	LQM_CIEH_S4UL
Indeno(123-cd)pyrene	3.60E+01	LQM_CIEH_S4UL
Dibenzo(ah)anthracene	2.80E-01	LQM_CIEH_S4UL
Benzo(g,h,i)perylene	3.40E+02	LQM_CIEH_S4UL

Location	Sample depth	Strata Type	Arsenic	Barium	Beryllium	Boron	Cadmium	Chromium VI	Chromium III	Copper	Lead	Inorganic Mercury	Nickel	Selenium	Vanadium	Zinc	pH	Cyanide (free)	Cyanide (Complex)
Detection Limit			0.5	0.5	0.5	0.4	0.1	0.5	0.5	0.5	0.5	0.05	0.5	0.25	0.5	0.5	4	0.5	0.5
GSAC			37	1350	1.7	290	11	6	910	2400	200	40	180	250	410	3700	<4.5 >9.5	43	213
TP50	0.10-0.20	Topsoil	17	220	0.7	1.2	< 0.2	< 1.8	30	27	81	< 0.3	18	< 1.0	33.0	110	8.1	< 1.0	< 1.0
TP51	0.10-0.20	Topsoil	29	430	1.2	1.2	< 0.2	< 1.8	59	44	160	< 0.3	34	< 1.0	51.0	180	8.1	< 1.0	< 1.0
TP42	0.10-0.20	Topsoil	19	300	0.7	0.9	< 0.2	< 1.8	36	30	92	< 0.3	21	< 1.0	32.0	140	8.1	< 1.0	< 1.0
TP25	0.10-0.20	Topsoil	20	250	0.8	0.5	< 0.2	< 1.8	39	32	100	< 0.3	21	< 1.0	33.0	140	8.0	< 1.0	< 1.0
TP23	0.10-0.20	Topsoil	22	300	0.8	1.5	< 0.2	< 1.8	42	32	100	< 0.3	25	< 1.0	36.0	140	8.2	< 1.0	< 1.0
TP18	0.10-0.20	Topsoil	20	260	0.7	0.5	< 0.2	< 1.8	33	28	87	< 0.3	20	< 1.0	31.0	130	8.0	< 1.0	< 1.0
TP20	0.20-0.30	Sutton Sand	21	290	0.7	0.7	< 0.2	< 1.8	36	33	91	< 0.3	22	< 1.0	33.0	150	8.1	< 1.0	< 1.0
TP21	0.10-0.20	Topsoil	20	290	0.8	1.1	< 0.2	< 1.8	39	31	96	< 0.3	22	< 1.0	33.0	140	8.2	< 1.0	< 1.0
TP44	0.10-0.20	Topsoil	18	210	0.7	1.2	< 0.2	< 1.8	41	30	90	< 0.3	19	< 1.0	30.0	120	8.1	< 1.0	< 1.0
TP40	0.10-0.20	Topsoil	13	130	0.52	0.9	< 0.2	< 1.8	25	24	63	< 0.3	14	< 1.0	25	94	7.9	< 1.0	< 1.0
TP06	0.10-0.20	Topsoil	22	370	1	1.2	< 0.2	< 1.8	48	34	130	< 0.3	29	< 1.0	46	150	8	< 1.0	< 1.0
TP38	0.10-0.20	Topsoil	24	320	1.1	1.6	< 0.2	< 1.8	51	36	120	< 0.3	35	< 1.0	46	160	7.9	< 1.0	< 1.0
TP07	0.10-0.20	Topsoil	< 1.0	6.6	< 0.06	< 0.2	< 0.2	< 1.8	2	9.1	2.6	< 0.3	< 1.0	< 1.0	1.6	5.9	7.3	< 1.0	< 1.0
TP17	0.10-0.20	Topsoil	27	410	1.2	1	< 0.2	< 1.8	57	38	150	< 0.3	33	< 1.0	52	170	8.1	< 1.0	< 1.0
TP26	0.10-0.20	Topsoil	19	290	0.74	0.9	< 0.2	< 1.8	33	27	91	< 0.3	22	< 1.0	34	120	8.1	< 1.0	< 1.0
TP01	0.10-0.20	Topsoil	23	370	0.98	1.6	< 0.2	< 1.8	47	36	120	< 0.3	28	< 1.0	44	160	7.9	< 1.0	< 1.0
BH12	0.8	Warp	20	230	0.72	0.9	< 0.2	< 1.8	35	25	89	< 0.3	22	< 1.0	33	110	8	< 1.0	< 1.0
BH12	2.9	Peat	6.6	38	0.34	3.2	< 0.2	< 1.8	5.2	9.6	4.1	< 0.3	7.7	< 1.0	12	18	5.8	< 1.0	< 1.0
BH24	0.2	Topsoil	19	240	0.79	1.6	< 0.2	< 1.8	39	24	97	< 0.3	20	< 1.0	34	130	8	< 1.0	< 1.0
BH14	0.9	Made Ground	18	290	0.72	1	< 0.2	< 1.8	36	21	82	< 0.3	20	< 1.0	33	130	8.1	< 1.0	< 1.0
BH23	0.20	Made Ground	23	360	0.93	1.5	< 0.2	< 1.8	47	34	120	< 0.3	27	< 1.0	40	180	8.1	< 1.0	< 1.0
BH19	4.5	Peat	7.3	28	0.16	0.4	< 0.2	< 1.8	4.1	4.7	3.2	< 0.3	8.3	< 1.0	5.6	19	4.2	< 1.0	< 1.0
BH22	0.5	Sutton Sand	10	150	0.62	1.2	< 0.2	< 1.8	24	14	66	< 0.3	14	< 1.0	25	73	7.8	< 1.0	< 1.0
BH04	0.5	Warp	9.9	100	0.36	0.3	< 0.2	< 1.8	12	9.4	39	< 0.3	11	< 1.0	18	49	8.5	< 1.0	< 1.0
BH04	1.5	Peat	3	73	0.49	5.5	< 0.2	U/S	6.8	17	6.4	< 0.3	4.6	< 1.0	20	5.5	6.9	< 1.0	< 1.0
BH05	0.2	Topsoil	28	380	1.1	2.5	< 0.2	< 1.8	55	55	140	0.4	33	< 1.0	47	190	8	< 1.0	< 1.0
BH05	2	Sutton Sand	< 1.0	14	0.14	0.4	< 0.2	< 1.8	3.3	7.8	7.8	< 0.3	4.5	< 1.0	4	11	8.2	< 1.0	< 1.0

	Location	Sample depth	Phenol
Detection Limit			0.1
GSAC			2.00E+05
TP50	0.10-0.20		< 1.0
TP51	0.10-0.20		< 1.0
TP42	0.10-0.20		< 1.0
TP25	0.10-0.20		< 1.0
TP23	0.10-0.20		< 1.0
TP18	0.10-0.20		< 1.0
TP20	0.20-0.30		< 1.0
TP21	0.10-0.20		< 1.0
TP44	0.10-0.20		< 1.0
TP40	0.10-0.20		< 1.0
TP06	0.10-0.20		< 1.0
TP38	0.10-0.20		< 1.0
TP07	0.10-0.20		< 1.0
TP17	0.10-0.20		< 1.0
TP26	0.10-0.20		< 1.0
TP01	0.10-0.20		< 1.0
BH12		0.8	< 1.0
BH12		2.9	< 1.0
BH24		0.2	< 1.0
BH14		0.9	< 1.0
BH23		0.20	< 1.0
BH19		4.5	< 1.0
BH22		0.5	< 1.0
BH04		0.5	< 1.0
BH04		1.5	< 1.0
BH05		0.2	< 1.0
BH05		2	< 1.0

Location	Sample depth	Total TPH	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(g)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(e)pyrene	Indeno(1,23-cd)pyrene	Dibenzo(ah)anthracene	Benzo(g,h,i)perylene	Coal Tar (B(g,p) as surrogate marker)
Detection Limit		10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GSAC		500	5.6	420	510	400	220	5400	560	1200	11	22	3.3	93	2.7	36	0.28	340	0.98
TP50	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.2	< 0.05	0.39	0.32	0.2	0.22	0.25	0.09	0.17	0.09	< 0.05	0.11	0.17
TP51	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.17	< 0.05	0.26	0.23	0.16	0.21	0.24	0.07	0.15	0.07	< 0.05	0.1	0.15
TP42	0.10-0.20	11	0.05	< 0.05	0.12	0.15	1.1	0.3	1.2	0.89	0.52	0.54	0.5	0.2	0.4	0.17	< 0.05	0.2	0.4
TP25	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	0.2	0.12	0.15	0.17	0.05	0.12	0.07	< 0.05	0.08	0.12	0.12
TP23	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	0.18	0.16	0.09	0.16	0.14	0.06	0.11	0.06	< 0.05	0.06	0.11
TP18	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	0.18	0.15	0.11	0.15	0.16	< 0.05	0.11	0.05	< 0.05	0.07	0.11
TP20	0.20-0.30	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.2	< 0.05	0.31	0.28	0.18	0.21	0.23	0.08	0.15	0.09	< 0.05	0.1	0.15
TP21	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.05	0.24	0.19	0.12	0.16	0.19	0.06	0.12	0.06	< 0.05	0.08	0.12
TP44	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	0.21	0.2	0.12	0.14	0.18	0.06	0.12	0.06	< 0.05	0.09	0.12
TP40	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.07	< 0.05	0.14	0.12	0.07	0.1	0.12	0.05	0.08	0.05	< 0.05	0.06	0.08
TP06	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.05	0.27	0.25	0.16	0.2	0.21	0.1	0.16	0.07	< 0.05	0.1	0.16
TP38	0.10-0.20	< 10	0.17	< 0.05	0.09	0.07	0.15	< 0.05	0.16	0.15	0.1	0.14	0.16	0.06	0.12	0.07	< 0.05	0.08	0.12
TP07	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
TP17	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.09	< 0.05	0.14	0.12	0.08	0.1	0.11	0.05	0.08	< 0.05	< 0.05	< 0.05	0.08
TP26	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.05	0.21	0.19	0.13	0.16	0.16	0.07	0.12	0.06	< 0.05	0.07	0.12
TP01	0.10-0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BH12	0.8	< 10	0.23	< 0.05	0.09	0.08	0.21	< 0.05	0.23	0.22	0.14	0.17	0.18	0.08	0.14	0.08	< 0.05	0.09	0.14
BH12	2.9	20	0.29	< 0.05	0.11	0.06	0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BH24	0.2	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.12	< 0.05	0.22	0.19	0.12	0.16	0.17	0.07	0.12	0.06	< 0.05	< 0.05	0.12
BH14	0.9	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	0.19	0.19	0.11	0.15	0.16	0.06	0.11	0.07	< 0.05	0.08	0.11
BH23	0.20	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.12	< 0.05	0.18	0.17	0.1	0.14	0.14	0.06	0.09	0.06	< 0.05	0.07	0.09
BH19	4.3	< 10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BH22	0.5	< 10	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	0.11	0.1	0.05	0.08	0.1	0.05	0.07	< 0.05	< 0.05	0.05	0.07
BH04	0.5	< 10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BH04	1.5	140	0.62	< 0.05	0.24	0.16	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
BH05	0.2	53	< 0.05	< 0.05	< 0.05	< 0.05	0.26	< 0.05	0.41	0.4	0.25	0.25	0.35	0.1	0.24	0.14	< 0.05	0.18	0.24
BH05	2	< 10	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Appendix 8: Leachate Screening Sheets

*EQS Standard: Phenol and Benzene annual average of 300µg/l; Toluene 500µg/l for Freshwater, 400µg/l for Saltwater; 1,1,1-TCA 1,000µg/l.

Project Name:	Lincolnshire Lakes
Project Number:	221638
Assessment for:	Soil Leachate Assessment
Laboratory:	I2
Receptor:	Freshwater
Receptor Water Hardness:	>200



Contaminant	Units	Detection Limit	Guideline Concentration	Source	Number of Samples	Min	Max	No of Exceedences	TP50	TP25	TP22	TP40	TP17	TP01	BH23	BH22	
									0.600.70	0.100.20	0.100.20	0.400.50	0.100.20	0.100.20	0.20	0.50	
Arsenic	µg/l	1.1	50	EQS Freshwater	8	<1.0	4.90	0	1.60	< 1.0	1.80	< 1.0	2.60	< 1.0	4.90	1.80	
Barium	mg/l	0.05	700	UK DWS	8	14.00	130.00	0	14.00	64.00	85.00	28.00	98.00	130.00	80.00	54.00	
Beryllium	µg/l	0.2	None Available		8	<0.2	<0.2	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Cadmium	µg/l	0.08	0.25	EQS Freshwater	8	<0.08	<0.08	0	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	
Chromium III	µg/l	0.4	4.7	EQS Freshwater	8	0.60	5.80	1	1.50	2.20	3.40	0.60	2.20	5.80	3.70	2.30	
Copper	µg/l	0.7	1	EQS Freshwater	8	17.00	41.00	8	19.00	18.00	18.00	41.00	17.00	27.00	24.00	32.00	
Lead	µg/l	1	1.2	EQS Freshwater	8	<1.0	9.60	7	1.70	1.90	4.30	< 1.0	2.70	9.60	7.50	2.70	
Mercury	µg/l	0.5	0.07	EQS Freshwater	8	<0.5	<0.5	0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Nickel	µg/l	0.3	4	EQS Freshwater	8	1.80	3.50	0	2.10	1.80	1.80	2.00	2.10	3.50	2.10	2.50	
Selenium	µg/l	4	10	UK DWS	8	<4.0	<4.0	0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	
Vanadium	µg/l	1.7	None Available		8	<1.7	5.90	0	3.00	< 1.7	4.80	1.90	< 1.7	5.90	4.70	5.80	
Zinc	µg/l	0.4	10.9	EQS Freshwater	8	13.00	22.00	8	13.00	13.00	18.00	21.00	18.00	22.00	19.00	20.00	
Sulphate	mg/l	0.1	400	EQS Freshwater	8	2.60	17.80	0	2.80	2.60	3.60	5.50	7.10	5.80	6.00	17.80	
Boron	µg/l	10	2000	EQS Freshwater	8	12.00	62.00	0	12.00	29.00	12.00	22.00	37.00	47.00	58.00	39.00	62.00
pH					8	7.70	8.10	6	7.70	7.90	8.00	7.80	8.00	8.00	8.00	8.10	
Inorganics	Cyanide (total)	µg/l	10	1	EQS Freshwater	8	<10	<10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
	Phenol*	µg/l		7.7	EQS Freshwater	0	0.00	0.00	0								
	Ammonia (NH3 as N)	mg/l		0.015	EQS Freshwater	0	0.00	0.00	0								

*EQS Standard: Phenol and Benzene annual average of 300µg/l; Toluene 500µg/l for Freshwater, 400µg/l for Saltwater; 1,1,1-TCA 1,000µg/l.

Project Name:	Lincolnshire Lakes
Project Number:	221638
Assessment for:	Soil Leachate Assessment
Laboratory:	i2
Receptor:	Drinking Water
Receptor Water Hardness:	>200



Contaminant	Units	Detection Limit	Guideline Concentration	Source	Number of Samples	Min	Max	No of Exceedences	TP50	TP25	TP22	TP40	TP17	TP01	BH23	BH22	
									0.600.70	0.100.20	0.100.20	0.400.50	0.100.20	0.100.20	0.20	0.50	
Heavy Metals	Arsenic	µg/l	1.1	10	UK DWS	8	<1.0	4.90	0	1.60	< 1.0	1.80	< 1.0	2.60	< 1.0	4.90	1.80
	Barium	mg/l	0.05	700	UK DWS	8	14.00	130.00	0	14.00	64.00	85.00	28.00	98.00	130.00	80.00	54.00
	Beryllium	µg/l	0.2	None Available		8	<0.2	<0.2	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	Cadmium	µg/l	0.08	3	UK DWS	8	<0.08	<0.08	0	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08
	Chromium III	µg/l	0.4	4.7	UK DWS	8	0.60	5.80	1	1.50	2.20	3.40	0.60	2.20	5.80	3.70	2.30
	Copper	µg/l	0.7	2000	UK DWS	8	17.00	41.00	0	19.00	18.00	18.00	41.00	17.00	27.00	24.00	32.00
	Lead	µg/l	1	10	UK DWS	8	1.70	9.60	0	1.70	1.90	4.30	< 1.0	2.70	9.60	7.50	2.70
	Mercury	µg/l	0.5	1	UK DWS	8	<0.5	<0.5	0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	Nickel	µg/l	0.3	20	UK DWS	8	1.80	3.50	0	2.10	1.80	1.80	2.00	2.10	3.50	2.10	2.50
	Selenium	µg/l	4	10	UK DWS	8	<4.0	<4.0	0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
	Vanadium	µg/l	1.7	None Available		8	<1.7	5.90	0	3.00	< 1.7	4.80	1.90	< 1.7	5.90	4.70	5.80
	Zinc	µg/l	0.4	5000	UK DWS	8	13.00	22.00	0	13.00	13.00	18.00	21.00	18.00	22.00	19.00	20.00
	Sulphate	mg/l	0.1	250	UK DWS	8	2.60	17.80	0	2.80	2.60	3.60	5.50	7.10	5.80	6.00	17.80
	Boron	µg/l	10	300	UK DWS	8	12.00	62.00	0	12.00	29.00	22.00	37.00	47.00	58.00	39.00	62.00
	pH					8	7.70	8.10	0	7.70	7.90	8.00	7.80	8.00	8.00	8.00	8.10
	Inorganics	Cyanide (total)	µg/l	10	70	UK DWS	8	<10	<10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Phenol*		µg/l		7.7	EQS Freshwater	0	0.00	0.00	0								
Ammonia (NH3 as N)		mg/l		0.015	EQS Freshwater	0	0.00	0.00	0								

Appendix 9: Groundwater Screening Sheets

*EQS Standard: Phenol and Benzene annual average of 300µg/l; Toluene 500µg/l for Freshwater, 400µg/l for Saltwater; 1,1,1-TCA 1,000µg/l.

Project Name:	Lincolnshire Lakes
Project Number:	221638
Assessment for:	Water Assessment
Laboratory:	i2
Receptor:	Freshwater
Receptor Water Hardness:	>200



	Contaminant	Units	Detection Limit	Guideline Concentration	Source	Number of Samples	Min	Max	No of Exceedences	BH04	BH05	BH23
Heavy Metals	Arsenic	µg/l	0.15	50	EQS Freshwater	3	1.04	1.75	0	1.04	1.15	1.75
	Barium	mg/l	0.06	700	UK DWS	3	39.00	110.00	0	110.00	61.00	39.00
	Beryllium	µg/l	0.1	None Available		3	<0.1	<0.1	0	< 0.1	< 0.1	< 0.1
	Cadmium	µg/l	0.02	0.25	EQS Freshwater	3	<0.02	0.15	0	< 0.02	0.06	0.15
	Chromium III	µg/l	0.2	4.7	EQS Freshwater	3	<0.2	1.00	0	< 0.2	0.20	1.00
	Copper	µg/l	0.5	1	EQS Freshwater	3	1.80	7.60	3	1.80	6.30	7.60
	Lead	µg/l	0.2	1.2	EQS Freshwater	3	<0.2	0.20	0	< 0.2	0.20	< 0.2
	Mercury	µg/l	0.05	0.07	EQS Freshwater	3	<0.05	<0.05	0	< 0.05	< 0.05	< 0.05
	Nickel	µg/l	0.5	4	EQS Freshwater	3	5.90	12.00	3	6.60	5.90	12.00
	Selenium	µg/l	0.6	10	UK DWS	3	<0.6	1.20	0	1.20	0.80	< 0.6
	Vanadium	µg/l	0.2	None Available		3	<0.2	13.00	0	1.20	1.40	13.00
	Zinc	µg/l	0.5	5000	EQS Freshwater	3	12.00	20.00	0	20.00	18.00	12.00
	Sulphate	mg/l	0.045	250	EQS Freshwater	3	63.20	184.00	0	128.00	184.00	63.20
	Boron	µg/l	10	2000	EQS Freshwater	3	70.00	240.00	0	120.00	240.00	70.00
	pH				3	6.90	7.20	0	7.00	6.90	7.20	
Inorganics	Cyanide (total)	µg/l	10	1	EQS Freshwater	3	<10	<10	0	< 10	< 10	< 10
	Phenol*	µg/l	10	7.7	EQS Freshwater	3	<10	<10	0	< 10	< 10	< 10
	Ammonia (NH3 as N)	µg/l		0.015	EQS Freshwater	3	<0.015	0.48	2	0.48	0.06	<0.015
BTEX	Benzene*	µg/l		10	EQS Freshwater	0	0.00	0.00	0			
	Ethylbenzene	µg/l		300	UK DWS	0	0.00	0.00	0			
	Toluene*	µg/l		74	EQS Freshwater	0	0.00	0.00	0			
	Xylene	µg/l		30	EQS Freshwater	0	0.00	0.00	0			
Polycyclic Aromatic Hydrocarbons	Acenaphthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Acenaphthylene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Anthracene	µg/l	0.01	0.1	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Benzo(a)anthracene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Benzo(a)pyrene	µg/l	0.01	0.00017	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Benzo(b)fluoranthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Benzo(k)fluoranthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Benzo(g,h,i)perylene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Chrysene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Dibenzo(a,h)anthracene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Fluoranthene	µg/l	0.01	0.0063	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Fluorene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Indeno(1,2,3-c,d)pyrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Naphthalene	µg/l	0.01	2	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Phenanthrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Pyrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
	Total PAH	µg/l	0.16	0.1	WHO (Health)	3	<0.16	<0.16	0	< 0.16	< 0.16	< 0.16

*EQS Standard: Phenol and Benzene annual average of 300µg/l; Toluene 500µg/l for Freshwater, 400µg/l for Saltwater; 1,1,1-TCA 1,000µg/l.

Project Name:	Lincolnshire Lakes
Project Number:	221638
Assessment for:	Water Assessment
Laboratory:	i2
Receptor:	Drinking Water
Receptor Water Hardness:	>200



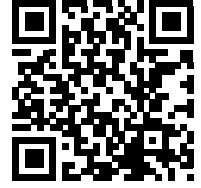
	Contaminant	Units	Detection Limit	Guideline Concentration	Source	Number of Samples	Min	Max	No of Exceedences	BH04	BH05	BH23
Heavy Metals	Arsenic	µg/l	0.15	10	UK DWS	3	1.04	1.75	0	1.04	1.15	1.75
	Barium	mg/l	0.06	700	UK DWS	3	39.00	110.00	0	110.00	61.00	39.00
	Beryllium	µg/l	0.1	None Available		3	<0.1	<0.1	0	< 0.1	< 0.1	< 0.1
	Cadmium	µg/l	0.02	3	UK DWS	3	<0.02	0.15	0	< 0.02	0.06	0.15
	Chromium III	µg/l	0.2	4.7	UK DWS	3	<0.2	1.00	0	< 0.2	0.20	1.00
	Chromium VI	µg/l		3.4	EQS Freshwater	3	0.00	0.00	0			
	Copper	µg/l	0.5	2000	UK DWS	3	1.80	7.60	0	1.80	6.30	7.60
	Lead	µg/l	0.2	10	UK DWS	3	<0.2	0.20	0	< 0.2	0.20	< 0.2
	Mercury	µg/l	0.05	1	UK DWS	3	<0.05	<0.05	0	< 0.05	< 0.05	< 0.05
	Nickel	µg/l	0.5	20	UK DWS	3	5.90	12.00	0	6.60	5.90	12.00
	Selenium	µg/l	0.6	10	UK DWS	3	<0.6	1.20	0	1.20	0.80	< 0.6
	Vanadium	µg/l	0.2	None Available		3	1.20	13.00	0	1.20	1.40	13.00
	Zinc	µg/l	0.5	5000	EQS Freshwater	3	12.00	20.00	0	20.00	18.00	12.00
	Sulphate	mg/l	0.045	250	EQS Freshwater	3	63.20	184.00	0	128.00	184.00	63.20
	Boron	µg/l	10	300	UK DWS	3	70.00	240.00	0	120.00	240.00	70.00
pH					3	6.90	7.20	0	7.00	6.90	7.20	
Inorganics	Cyanide (total)	µg/l	10	70	UK DWS	3	<10	<10	0	< 10	< 10	< 10
	Phenol*	µg/l	10	7.7	EQS Freshwater	3	<10	<10	0	< 10	< 10	< 10
	Ammonia (NH3 as N)	µg/l		0.015	EQS Freshwater	3	<0.015	0.48	2	0.48	0.06	<0.015
BTEX	Benzene*	µg/l		10	EQS Freshwater	0	0.00	0.00	0			
	Ethylbenzene	µg/l		300	UK DWS	0	0.00	0.00	0			
	Toluene*	µg/l		700	EQS Freshwater	0	0.00	0.00	0			
	Xylene	µg/l		500	UK DWS	0	0.00	0.00	0			
	Acenaphthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01
Acenaphthylene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Anthracene	µg/l	0.01	0.1	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Benzo(a)anthracene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Benzo(a)pyrene	µg/l	0.01	0.7	UK DWS	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Benzo(b)fluoranthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Benzo(k)fluoranthene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Benzo(g,h,i)perylene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Chrysene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Dibenzo(a,h)anthracene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Fluoranthene	µg/l	0.01	0.0043	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Fluorene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Indeno(1,2,3-c,d)pyrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Naphthalene	µg/l	0.01	2	EQS Freshwater	3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Phenanthrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Pyrene	µg/l	0.01	None Available		3	<0.01	<0.01	0	< 0.01	< 0.01	< 0.01	
Total PAH	µg/l	0.16	0.1	WHO (Health)	3	<0.16	<0.16	0	< 0.16	< 0.16	< 0.16	

Appendix 10: Waste Classification

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



3ANOL-5WNRW-87WOI

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Job name

221638 Lincolnshire Lakes

Description/Comments

Project

221638

Site

Lincolnshire Lakes

Classified by

Name: **Timothy Hull**
Date: **20 Oct 2023 11:33 GMT**
Telephone: **0115 924 1100**

Company: **BWB Consulting Ltd**

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

-

Course

Hazardous Waste Classification

Date

-

Purpose of classification

2 - Material Characterisation

Address of the waste

Lincolnshire Lakes East, Scunthorpe

Post Code **DN17 2AB**

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Development of the site for residential units and associated infrastructure.

Description of the specific process, sub-process and/or activity that created the waste

Waste created during earthworks and construction of drainage and foundations.

Description of the waste

Natural soils comprising clay, silts and sands

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP50	0.10-0.20	Non Hazardous		3
2	TP51	0.10-0.20	Non Hazardous		5
3	TP42	0.10-0.20	Non Hazardous		7
4	TP25	0.10-0.20	Non Hazardous		10
5	TP23	0.10-0.20	Non Hazardous		12
6	TP18	0.10-0.20	Non Hazardous		14
7	TP20	0.20-0.30	Non Hazardous		16
8	TP21	0.10-0.20	Non Hazardous		18
9	TP44	0.10-0.20	Non Hazardous		20
10	TP29	0.10-0.20	Non Hazardous		22
11	TP32	0.10-0.20	Non Hazardous		24
12	TP35	0.10-0.20	Non Hazardous		26
13	TP40	0.10-0.20	Non Hazardous		28
14	TP43	0.20-0.30	Non Hazardous		30
15	TP49	0.10-0.20	Non Hazardous		32
16	TP52	0.20-0.30	Non Hazardous		34
17	TP12	0.10-0.20	Non Hazardous		36
18	TP13	0.10-0.20	Non Hazardous		38
19	TP54	0.10-0.20	Non Hazardous		40
20	TP55	0.10-0.20	Non Hazardous		42
21	TP06	0.10-0.20	Non Hazardous		44
22	TP38	0.10-0.20	Non Hazardous		46
23	TP07	0.10-0.20	Non Hazardous		48
24	TP17	0.10-0.20	Non Hazardous		50
25	TP26	0.10-0.20	Non Hazardous		52
26	TP01	0.10-0.20	Non Hazardous		54
27	BH12	0.80	Non Hazardous		56
28	BH12[2]	2.90	Non Hazardous		58
29	BH24	0.20	Non Hazardous		61
30	BH14	0.90	Non Hazardous		63
31	BH23	0.20	Non Hazardous		65
32	BH15	0.30-0.40	Non Hazardous		67
33	BH16	1.50	Non Hazardous		69
34	BH18	1.80	Non Hazardous		71
35	BH19	4.50	Non Hazardous		73
36	BH10	1.50	Non Hazardous		75
37	BH22	0.50	Non Hazardous		78
38	BH21	0.10	Non Hazardous		80
39	BH21[2]	0.80	Non Hazardous		82
40	BH01	0.20	Non Hazardous		84
41	BH11	0.20	Non Hazardous		86
42	BH20	0.55	Non Hazardous		88
43	BH20[2]	1.50	Non Hazardous		90
44	BH02	0.20	Non Hazardous		92
45	BH02[2]	0.70	Non Hazardous		94
46	BH04	0.50	Non Hazardous		96
47	BH04[2]	1.50	Non Hazardous		98
48	BH05	0.20	Non Hazardous		101
49	BH05[2]	2.00	Non Hazardous		104

Related documents

#	Name	Description
1	BWB Contaminated Land Suite WM3	waste stream template used to create this Job

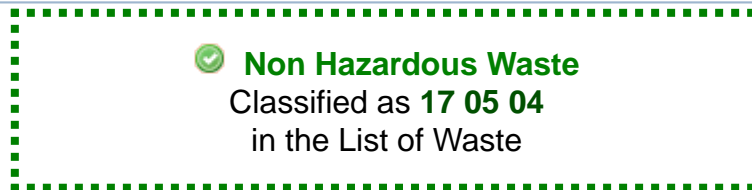
Report

Created by: Timothy Hull

Created date: 20 Oct 2023 11:33 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	106
Appendix B: Rationale for selection of metal species	107
Appendix C: Version	108

Classification of sample: TP50



Sample details

Sample name:	LoW Code:
TP50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
12% (no correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.2	mg/kg	13.43	16.116	mg/kg	0.00161 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	81	mg/kg		81	mg/kg	0.0081 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				18	mg/kg	1.579	28.431	mg/kg	0.00284 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
13	pH PH				8.1	pH		8.1	pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.25 mg/kg		0.25 mg/kg	0.000025 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.22 mg/kg		0.22 mg/kg	0.000022 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.39 mg/kg		0.39 mg/kg	0.000039 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-581-5	85-01-8							
31	pyrene				0.32 mg/kg		0.32 mg/kg	0.000032 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0513 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP51

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP51	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m		
Moisture content:		
18%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

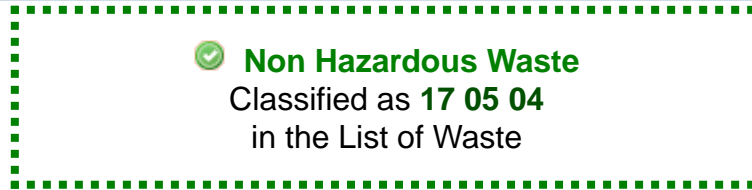
#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				29	mg/kg	1.32	38.289	mg/kg	0.00383 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.2	mg/kg	2.775	3.33	mg/kg	0.000333 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.2	mg/kg	13.43	16.116	mg/kg	0.00161 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				59	mg/kg	1.462	86.232	mg/kg	0.00862 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				44	mg/kg	1.126	49.539	mg/kg	0.00495 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	160	mg/kg		160	mg/kg	0.016 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				34	mg/kg	1.579	53.703	mg/kg	0.00537 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				180	mg/kg	2.469	444.473	mg/kg	0.0444 %		
13	pH PH				8.1	pH		8.1	pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.21 mg/kg		0.21 mg/kg	0.000021 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		201-581-5	85-01-8							
31	pyrene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0869 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP42



Sample details

Sample name:	LoW Code:
TP42	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
15%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.72 mg/kg	2.775	1.998 mg/kg	0.0002 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.9 mg/kg	13.43	12.087 mg/kg	0.00121 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	92 mg/kg		92 mg/kg	0.0092 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				21 mg/kg	1.579	33.169 mg/kg	0.00332 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				11 mg/kg		11 mg/kg	0.0011 %		
			TPH							
16	acenaphthene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.54 mg/kg		0.54 mg/kg	0.000054 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		205-912-4	206-44-0							
27	fluorene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		205-893-2	193-39-5							
29	naphthalene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		201-581-5	85-01-8							
31	pyrene				0.89 mg/kg		0.89 mg/kg	0.000089 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0619 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous property to non hazardous because Low concentrations of longer chain hydrocarbons with negligible flammability risk.


Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0011%)

Classification of sample: TP25

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP25	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
13%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.77 mg/kg	2.775	2.137 mg/kg	0.000214 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.5 mg/kg	13.43	6.715 mg/kg	0.000672 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				39 mg/kg	1.462	57.001 mg/kg	0.0057 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				21 mg/kg	1.579	33.169 mg/kg	0.00332 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.17 mg/kg		0.17	mg/kg	0.000017 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.15 mg/kg		0.15	mg/kg	0.000015 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.13 mg/kg		0.13	mg/kg	0.000013 %		
		201-581-5	85-01-8								
31	pyrene				0.19 mg/kg		0.19	mg/kg	0.000019 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0624 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP23

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP23	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

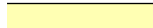
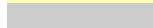


Determinands

Moisture content: 19% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.84 mg/kg	2.775	2.331 mg/kg	0.000233 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.5 mg/kg	13.43	20.145 mg/kg	0.00201 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				42 mg/kg	1.462	61.385 mg/kg	0.00614 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				25 mg/kg	1.579	39.487 mg/kg	0.00395 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	pH PH				8.2 pH		8.2 pH	8.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.13 mg/kg		0.13	mg/kg	0.000013 %		
		201-581-5	85-01-8								
31	pyrene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.065 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP18

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP18	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
18%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.68 mg/kg	2.775	1.887 mg/kg	0.000189 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.5 mg/kg	13.43	6.715 mg/kg	0.000672 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				33 mg/kg	1.462	48.231 mg/kg	0.00482 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	87 mg/kg		87 mg/kg	0.0087 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				20 mg/kg	1.579	31.59 mg/kg	0.00316 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.18 mg/kg		0.18 mg/kg	0.000018 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
		201-581-5	85-01-8								
31	pyrene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0571 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20-0.30 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

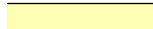



Determinands

Moisture content: 17% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.73 mg/kg	2.775	2.026 mg/kg	0.000203 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.7 mg/kg	13.43	9.401 mg/kg	0.00094 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	91 mg/kg		91 mg/kg	0.0091 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				22 mg/kg	1.579	34.749 mg/kg	0.00347 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				150 mg/kg	2.469	370.394 mg/kg	0.037 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.15 mg/kg		0.15	mg/kg	0.000015 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.23 mg/kg		0.23	mg/kg	0.000023 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.21 mg/kg		0.21	mg/kg	0.000021 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.31 mg/kg		0.31	mg/kg	0.000031 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
		201-581-5	85-01-8								
31	pyrene				0.28 mg/kg		0.28	mg/kg	0.000028 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0642 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP21

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP21	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
14%	
(no correction)	

Hazard properties

None identified

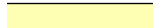
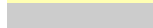


Determinands

Moisture content: 14% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.77 mg/kg	2.775	2.137 mg/kg	0.000214 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.1 mg/kg	13.43	14.773 mg/kg	0.00148 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				39 mg/kg	1.462	57.001 mg/kg	0.0057 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	96 mg/kg		96 mg/kg	0.0096 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				22 mg/kg	1.579	34.749 mg/kg	0.00347 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	pH PH				8.2 pH		8.2 pH	8.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
		201-581-5	85-01-8							
31	pyrene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0628 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP44

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP44	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
14%	
(no correction)	

Hazard properties

None identified

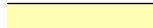
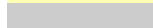


Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.71 mg/kg	2.775	1.97 mg/kg	0.000197 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.2 mg/kg	13.43	16.116 mg/kg	0.00161 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				41 mg/kg	1.462	59.924 mg/kg	0.00599 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	90 mg/kg		90 mg/kg	0.009 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				19 mg/kg	1.579	30.01 mg/kg	0.003 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.21 mg/kg		0.21	mg/kg	0.000021 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.11 mg/kg		0.11	mg/kg	0.000011 %		
		201-581-5	85-01-8								
31	pyrene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0568 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP29	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m		
Moisture content:		
20%		
(no correction)		

Hazard properties

None identified

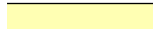



Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				35 mg/kg	1.32	46.211 mg/kg	0.00462 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.4 mg/kg	2.775	3.885 mg/kg	0.000389 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.7 mg/kg	13.43	22.831 mg/kg	0.00228 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				75 mg/kg	1.462	109.617 mg/kg	0.011 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	170 mg/kg		170 mg/kg	0.017 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				0.4 mg/kg	1.353	0.541 mg/kg	0.0000541 %		
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				35 mg/kg	1.579	55.282 mg/kg	0.00553 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				220 mg/kg	2.469	543.245 mg/kg	0.0543 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.23 mg/kg		0.23	mg/kg	0.000023 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.25 mg/kg		0.25	mg/kg	0.000025 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.32 mg/kg		0.32	mg/kg	0.000032 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.29 mg/kg		0.29	mg/kg	0.000029 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.4 mg/kg		0.4	mg/kg	0.00004 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.22 mg/kg		0.22	mg/kg	0.000022 %		
		201-581-5	85-01-8								
31	pyrene				0.37 mg/kg		0.37	mg/kg	0.000037 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP32

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP32	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
15%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 15% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				30 mg/kg	1.32	39.61 mg/kg	0.00396 %		
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boron tribromide/trichloride/trifluoride (combined) }				0.7 mg/kg	13.43	9.401 mg/kg	0.00094 %		
			10294-33-4, 10294-34-5, 7637-07-2							
5	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
6	chromium { chromium(III) oxide (worst case) }				63 mg/kg	1.462	92.078 mg/kg	0.00921 %		
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	130 mg/kg		130 mg/kg	0.013 %		
	082-001-00-6									
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel dihydroxide }				29 mg/kg	1.579	45.805 mg/kg	0.00458 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
12	zinc { zinc sulphate }				190 mg/kg	2.469	469.166 mg/kg	0.0469 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
13	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.24 mg/kg		0.24	mg/kg	0.000024 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.24 mg/kg		0.24	mg/kg	0.000024 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.36 mg/kg		0.36	mg/kg	0.000036 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.29 mg/kg		0.29	mg/kg	0.000029 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.39 mg/kg		0.39	mg/kg	0.000039 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.13 mg/kg		0.13	mg/kg	0.000013 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.21 mg/kg		0.21	mg/kg	0.000021 %		
		201-581-5	85-01-8								
31	pyrene				0.36 mg/kg		0.36	mg/kg	0.000036 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0853 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP35

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
10%	
(no correction)	

Hazard properties

None identified

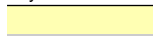



Determinands

Moisture content: 10% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				9.4 mg/kg	1.32	12.411 mg/kg	0.00124 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.5 mg/kg	2.775	1.388 mg/kg	0.000139 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.6 mg/kg	13.43	8.058 mg/kg	0.000806 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	43 mg/kg		43 mg/kg	0.0043 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				9.8 mg/kg	1.579	15.479 mg/kg	0.00155 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				66 mg/kg	2.469	162.974 mg/kg	0.0163 %		
13	pH PH				7.7 pH		7.7 pH	7.7 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
		201-581-5	85-01-8								
31	pyrene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0307 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP40

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP40	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
11%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: **11% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.52 mg/kg	2.775	1.443 mg/kg	0.000144 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.9 mg/kg	13.43	12.087 mg/kg	0.00121 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	63 mg/kg		63 mg/kg	0.0063 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				14 mg/kg	1.579	22.113 mg/kg	0.00221 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				94 mg/kg	2.469	232.114 mg/kg	0.0232 %		
13	pH PH				7.9 pH		7.9 pH	7.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.14 mg/kg		0.14 mg/kg	0.000014 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		201-581-5	85-01-8								
31	pyrene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0428 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP43

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP43	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20-0.30 m	
Moisture content:	
6.8%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 6.8% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.2 mg/kg	1.32	6.866 mg/kg	0.000687 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.22 mg/kg	2.775	0.611 mg/kg	0.0000611 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.4 mg/kg	13.43	5.372 mg/kg	0.000537 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				7.1 mg/kg	1.462	10.377 mg/kg	0.00104 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	18 mg/kg		18 mg/kg	0.0018 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				5.5 mg/kg	1.579	8.687 mg/kg	0.000869 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				35 mg/kg	2.469	86.425 mg/kg	0.00864 %		
13	pH PH				6.6 pH		6.6 pH	6.6 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
31	pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0167 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP49

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP49	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
16%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 16% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.4 mg/kg	13.43	18.802 mg/kg	0.00188 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				52 mg/kg	1.462	76.001 mg/kg	0.0076 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				29 mg/kg	1.579	45.805 mg/kg	0.00458 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				190 mg/kg	2.469	469.166 mg/kg	0.0469 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.24 mg/kg		0.24 mg/kg	0.000024 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.24 mg/kg		0.24 mg/kg	0.000024 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.32 mg/kg		0.32 mg/kg	0.000032 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.31 mg/kg		0.31 mg/kg	0.000031 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.39 mg/kg		0.39 mg/kg	0.000039 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
		201-581-5	85-01-8								
31	pyrene				0.36 mg/kg		0.36 mg/kg	0.000036 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0841 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP52

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP52	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20-0.30 m	
Moisture content:	
14%	
(no correction)	

Hazard properties

None identified

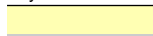



Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.96 mg/kg	2.775	2.664 mg/kg	0.000266 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.9 mg/kg	13.43	12.087 mg/kg	0.00121 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				52 mg/kg	1.462	76.001 mg/kg	0.0076 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				52 mg/kg	1.126	58.546 mg/kg	0.00585 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				0.3 mg/kg	1.353	0.406 mg/kg	0.0000406 %		
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	44.226 mg/kg	0.00442 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				200 mg/kg	2.469	493.859 mg/kg	0.0494 %		
13	pH PH				8.2 pH		8.2 pH	8.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.24 mg/kg		0.24	mg/kg	0.000024 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.27 mg/kg		0.27	mg/kg	0.000027 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.34 mg/kg		0.34	mg/kg	0.000034 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.13 mg/kg		0.13	mg/kg	0.000013 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.33 mg/kg		0.33	mg/kg	0.000033 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.47 mg/kg		0.47	mg/kg	0.000047 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.23 mg/kg		0.23	mg/kg	0.000023 %		
		201-581-5	85-01-8								
31	pyrene				0.42 mg/kg		0.42	mg/kg	0.000042 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0862 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP12	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
22%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				31 mg/kg	1.32	40.93 mg/kg	0.00409 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.2 mg/kg	2.775	3.33 mg/kg	0.000333 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.7 mg/kg	13.43	22.831 mg/kg	0.00228 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				61 mg/kg	1.462	89.155 mg/kg	0.00892 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				44 mg/kg	1.126	49.539 mg/kg	0.00495 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				0.4 mg/kg	1.353	0.541 mg/kg	0.0000541 %		
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				35 mg/kg	1.579	55.282 mg/kg	0.00553 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				200 mg/kg	2.469	493.859 mg/kg	0.0494 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.28 mg/kg		0.28 mg/kg	0.000028 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.35 mg/kg		0.35 mg/kg	0.000035 %		
		205-912-4	206-44-0							
27	fluorene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		205-893-2	193-39-5							
29	naphthalene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.27 mg/kg		0.27 mg/kg	0.000027 %		
		201-581-5	85-01-8							
31	pyrene				0.31 mg/kg		0.31 mg/kg	0.000031 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0933 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP13

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP13	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
15%	
(no correction)	

Hazard properties

None identified

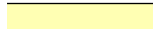



Determinands

Moisture content: 15% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.1 mg/kg	2.775	3.053 mg/kg	0.000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.5 mg/kg	13.43	20.145 mg/kg	0.00201 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				50 mg/kg	1.462	73.078 mg/kg	0.00731 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				29 mg/kg	1.579	45.805 mg/kg	0.00458 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				160 mg/kg	2.469	395.087 mg/kg	0.0395 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD	
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.22 mg/kg		0.22 mg/kg	0.000022 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
		201-581-5	85-01-8								
31	pyrene				0.26 mg/kg		0.26 mg/kg	0.000026 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0759 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP54

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP54	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.93 mg/kg	2.775	2.581 mg/kg	0.000258 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.4 mg/kg	13.43	5.372 mg/kg	0.000537 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				45 mg/kg	1.462	65.77 mg/kg	0.00658 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	110 mg/kg		110 mg/kg	0.011 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				26 mg/kg	1.579	41.067 mg/kg	0.00411 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.18 mg/kg		0.18 mg/kg	0.000018 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.22 mg/kg		0.22 mg/kg	0.000022 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
		201-581-5	85-01-8								
31	pyrene				0.2 mg/kg		0.2 mg/kg	0.00002 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0656 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP55

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP55	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
9.2%	
(no correction)	

Hazard properties

None identified

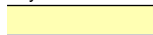



Determinands

Moisture content: 9.2% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.43 mg/kg	2.775	1.193 mg/kg	0.000119 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.8 mg/kg	13.43	10.744 mg/kg	0.00107 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	55 mg/kg		55 mg/kg	0.0055 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				11 mg/kg	1.579	17.374 mg/kg	0.00174 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				61 mg/kg	2.469	150.627 mg/kg	0.0151 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
31	pyrene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0314 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP06	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m		
Moisture content:		
14%		
(no correction)		

Hazard properties

None identified

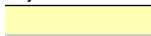



Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.2 mg/kg	13.43	16.116 mg/kg	0.00161 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				29 mg/kg	1.579	45.805 mg/kg	0.00458 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				150 mg/kg	2.469	370.394 mg/kg	0.037 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.21 mg/kg		0.21	mg/kg	0.000021 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.27 mg/kg		0.27	mg/kg	0.000027 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
		201-581-5	85-01-8								
31	pyrene				0.25 mg/kg		0.25	mg/kg	0.000025 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0719 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP38

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP38	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.1 mg/kg	2.775	3.053 mg/kg	0.000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.6 mg/kg	13.43	21.488 mg/kg	0.00215 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				51 mg/kg	1.462	74.539 mg/kg	0.00745 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				35 mg/kg	1.579	55.282 mg/kg	0.00553 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				160 mg/kg	2.469	395.087 mg/kg	0.0395 %		
13	pH PH				7.9 pH		7.9 pH	7.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.14 mg/kg		0.14 mg/kg	0.000014 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
		205-912-4	206-44-0								
27	fluorene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		205-893-2	193-39-5								
29	naphthalene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
		201-581-5	85-01-8								
31	pyrene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0758 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP07

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP07	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
4.8%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 4.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<1 mg/kg	1.32	<1.32 mg/kg	<0.000132 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				<0.06 mg/kg	2.775	<0.167 mg/kg	<0.0000167 %		<LOD
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boron tribromide/trichloride/trifluoride (combined) }				<0.2 mg/kg	13.43	<2.686 mg/kg	<0.000269 %		<LOD
			10294-33-4, 10294-34-5, 7637-07-2							
5	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
6	chromium { chromium(III) oxide (worst case) }				2 mg/kg	1.462	2.923 mg/kg	0.000292 %		
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				9.1 mg/kg	1.126	10.246 mg/kg	0.00102 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.6 mg/kg		2.6 mg/kg	0.00026 %		
	082-001-00-6									
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel dihydroxide }				<1 mg/kg	1.579	<1.579 mg/kg	<0.000158 %		<LOD
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
12	zinc { zinc sulphate }				5.9 mg/kg	2.469	14.569 mg/kg	0.00146 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
13	pH				7.3 pH		7.3 pH	7.3 pH		
			PH							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00518 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP17

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP17	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
18%	
(no correction)	

Hazard properties

None identified

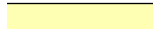



Determinands

Moisture content: 18% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.2 mg/kg	2.775	3.33 mg/kg	0.000333 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1 mg/kg	13.43	13.43 mg/kg	0.00134 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				57 mg/kg	1.462	83.309 mg/kg	0.00833 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	150 mg/kg		150 mg/kg	0.015 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				33 mg/kg	1.579	52.123 mg/kg	0.00521 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				170 mg/kg	2.469	419.78 mg/kg	0.042 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
		201-581-5	85-01-8							
31	pyrene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0816 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP26

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP26	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

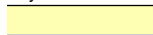



Determinands

Moisture content: 17% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.74 mg/kg	2.775	2.054 mg/kg	0.000205 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.9 mg/kg	13.43	12.087 mg/kg	0.00121 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				33 mg/kg	1.462	48.231 mg/kg	0.00482 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	91 mg/kg		91 mg/kg	0.0091 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				22 mg/kg	1.579	34.749 mg/kg	0.00347 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
		201-581-5	85-01-8								
31	pyrene				0.19 mg/kg		0.19 mg/kg	0.000019 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0556 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP01

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP01	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10-0.20 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

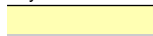



Determinands

Moisture content: 17% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.98 mg/kg	2.775	2.72 mg/kg	0.000272 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.6 mg/kg	13.43	21.488 mg/kg	0.00215 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				47 mg/kg	1.462	68.693 mg/kg	0.00687 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				28 mg/kg	1.579	44.226 mg/kg	0.00442 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				160 mg/kg	2.469	395.087 mg/kg	0.0395 %		
13	pH PH				7.9 pH		7.9 pH	7.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0739 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH12

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH12	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.80 m	
Moisture content:	
29%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 29% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.72 mg/kg	2.775	1.998 mg/kg	0.0002 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.9 mg/kg	13.43	12.087 mg/kg	0.00121 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	89 mg/kg		89 mg/kg	0.0089 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				22 mg/kg	1.579	34.749 mg/kg	0.00347 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				110 mg/kg	2.469	271.623 mg/kg	0.0272 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD	
			TPH								
16	acenaphthene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.14 mg/kg		0.14 mg/kg	0.000014 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.14 mg/kg		0.14 mg/kg	0.000014 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.18 mg/kg		0.18 mg/kg	0.000018 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
		205-912-4	206-44-0								
27	fluorene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
		205-893-2	193-39-5								
29	naphthalene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
		201-581-5	85-01-8								
31	pyrene				0.22 mg/kg		0.22 mg/kg	0.000022 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0532 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH12[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH12[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.90 m		
Moisture content:		
58%		
(no correction)		

Hazard properties

None identified





Determinands

Moisture content: 58% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				6.6 mg/kg	1.32	8.714 mg/kg	0.000871 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.34 mg/kg	2.775	0.944 mg/kg	0.0000944 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				3.2 mg/kg	13.43	42.976 mg/kg	0.0043 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				5.2 mg/kg	1.462	7.6 mg/kg	0.00076 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				9.6 mg/kg	1.126	10.809 mg/kg	0.00108 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	4.1 mg/kg		4.1 mg/kg	0.00041 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				7.7 mg/kg	1.579	12.162 mg/kg	0.00122 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				18 mg/kg	2.469	44.447 mg/kg	0.00444 %		
13	pH PH				5.8 pH		5.8 pH	5.8 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				20 mg/kg		20 mg/kg	0.002 %		
			TPH							
16	acenaphthene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0158 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

For this Hazardous property to non hazardous because Low concentrations of longer chain hydrocarbons with negligible flammability risk.

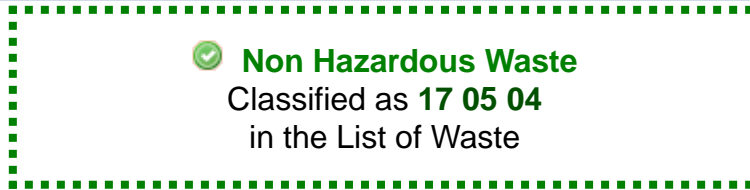
Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: BH24



Sample details

Sample name:	LoW Code:	
BH24	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m		
Moisture content:		
12%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

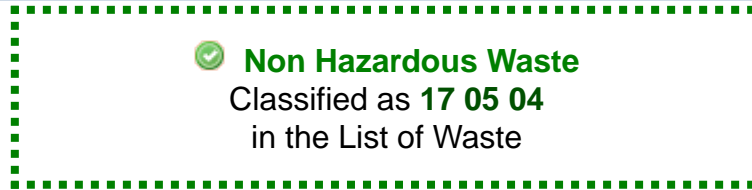
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.79 mg/kg	2.775	2.193 mg/kg	0.000219 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.6 mg/kg	13.43	21.488 mg/kg	0.00215 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				39 mg/kg	1.462	57.001 mg/kg	0.0057 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	97 mg/kg		97 mg/kg	0.0097 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				20 mg/kg	1.579	31.59 mg/kg	0.00316 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
13	pH PH				8 pH		8 pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
15	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
16	acenaphthene 201-469-6 83-32-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthylene 205-917-1 208-96-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	anthracene 204-371-1 120-12-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				0.12 mg/kg		0.12 mg/kg	0.000012 %		
20	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				0.12 mg/kg		0.12 mg/kg	0.000012 %		
21	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				0.17 mg/kg		0.17 mg/kg	0.000017 %		
22	benzo[ghi]perylene 205-883-8 191-24-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				0.07 mg/kg		0.07 mg/kg	0.000007 %		
24	chrysene 601-048-00-0 205-923-4 218-01-9				0.16 mg/kg		0.16 mg/kg	0.000016 %		
25	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4 206-44-0				0.22 mg/kg		0.22 mg/kg	0.000022 %		
27	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene 205-893-2 193-39-5				0.06 mg/kg		0.06 mg/kg	0.000006 %		
29	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	phenanthrene 201-581-5 85-01-8				0.12 mg/kg		0.12 mg/kg	0.000012 %		
31	pyrene 204-927-3 129-00-0				0.19 mg/kg		0.19 mg/kg	0.000019 %		
32	phenol 604-001-00-2 203-632-7 108-95-2				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0599 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: BH14



Sample details

Sample name:	LoW Code:	
BH14	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.90 m		
Moisture content:		
11% (no correction)		

Hazard properties

None identified

Determinands

Moisture content: 11% No Moisture Correction applied (MC)

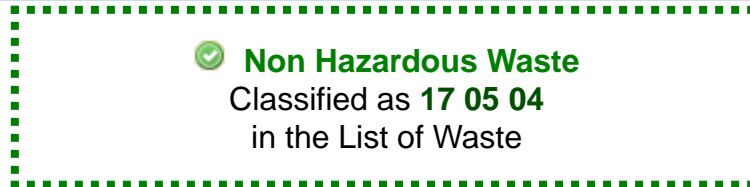
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.72 mg/kg	2.775	1.998 mg/kg	0.0002 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1 mg/kg	13.43	13.43 mg/kg	0.00134 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	82 mg/kg		82 mg/kg	0.0082 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				20 mg/kg	1.579	31.59 mg/kg	0.00316 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		201-581-5	85-01-8							
31	pyrene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0567 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: BH23



Sample details

Sample name:	LoW Code:	
BH23	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m		
Moisture content:		
14%		
(no correction)		

Hazard properties

None identified

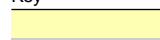


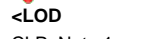
Determinands

Moisture content: 14% No Moisture Correction applied (MC)

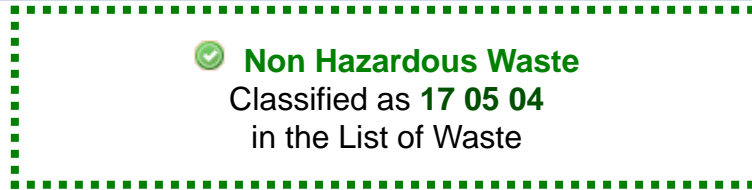
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.93 mg/kg	2.775	2.581 mg/kg	0.000258 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.5 mg/kg	13.43	20.145 mg/kg	0.00201 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				47 mg/kg	1.462	68.693 mg/kg	0.00687 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				27 mg/kg	1.579	42.646 mg/kg	0.00426 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				180 mg/kg	2.469	444.473 mg/kg	0.0444 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
		201-581-5	85-01-8							
31	pyrene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0784 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH15



Sample details

Sample name:	LoW Code:	
BH15	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.30-0.40 m		
Moisture content:		
6.3% (no correction)		

Hazard properties

None identified

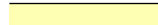



Determinands

Moisture content: 6.3% No Moisture Correction applied (MC)

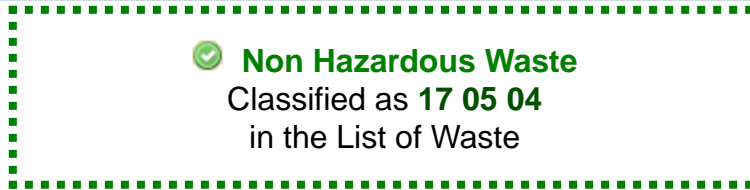
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				1.1 mg/kg	1.32	1.452 mg/kg	0.000145 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				<0.06 mg/kg	2.775	<0.167 mg/kg	<0.0000167 %		<LOD
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.2 mg/kg	13.43	2.686 mg/kg	0.000269 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				2 mg/kg	1.462	2.923 mg/kg	0.000292 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				3 mg/kg	1.126	3.378 mg/kg	0.000338 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	4.5 mg/kg		4.5 mg/kg	0.00045 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				<1 mg/kg	1.579	<1.579 mg/kg	<0.000158 %		<LOD
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				4.2 mg/kg	2.469	10.371 mg/kg	0.00104 %		
13	pH PH				8.2 pH		8.2 pH	8.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00428 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH16



Sample details

Sample name:	LoW Code:	
BH16	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.50 m		
Moisture content:		
15%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

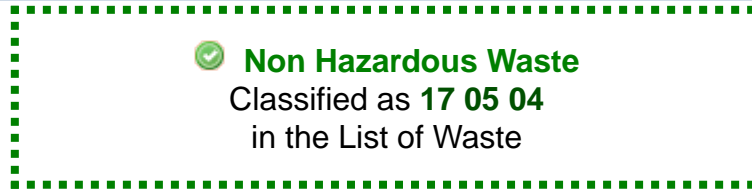
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<1 mg/kg	1.32	<1.32 mg/kg	<0.000132 %		<LOD
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.12 mg/kg	2.775	0.333 mg/kg	0.0000333 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.2 mg/kg	13.43	2.686 mg/kg	0.000269 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				3.7 mg/kg	1.462	5.408 mg/kg	0.000541 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				5.9 mg/kg	1.126	6.643 mg/kg	0.000664 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				4.1 mg/kg	1.579	6.476 mg/kg	0.000648 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				12 mg/kg	2.469	29.632 mg/kg	0.00296 %		
13	pH PH				6.1 pH		6.1 pH	6.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
15	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
16	acenaphthene 201-469-6 83-32-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthylene 205-917-1 208-96-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	anthracene 204-371-1 120-12-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[ghi]perylene 205-883-8 191-24-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	phenol 604-001-00-2 203-632-7 108-95-2				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.00716 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: BH18



Sample details

Sample name:	LoW Code:	
BH18	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.80 m		
Moisture content:		
16%		
(no correction)		

Hazard properties

None identified

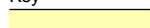
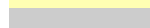


Determinands

Moisture content: 16% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<1 mg/kg	1.32	<1.32 mg/kg	<0.000132 %		<LOD
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.14 mg/kg	2.775	0.389 mg/kg	0.0000389 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.2 mg/kg	13.43	2.686 mg/kg	0.000269 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				3.4 mg/kg	1.462	4.969 mg/kg	0.000497 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				10 mg/kg	1.126	11.259 mg/kg	0.00113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	3.9 mg/kg		3.9 mg/kg	0.00039 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				4.6 mg/kg	1.579	7.266 mg/kg	0.000727 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				14 mg/kg	2.469	34.57 mg/kg	0.00346 %		
13	pH PH				6.7 pH		6.7 pH	6.7 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
15	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
16	acenaphthene 201-469-6 83-32-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthylene 205-917-1 208-96-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	anthracene 204-371-1 120-12-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[ghi]perylene 205-883-8 191-24-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	phenol 604-001-00-2 203-632-7 108-95-2				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.00821 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH19

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH19	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.50 m		
Moisture content:		
21%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.3 mg/kg	1.32	9.638 mg/kg	0.000964 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.16 mg/kg	2.775	0.444 mg/kg	0.0000444 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.4 mg/kg	13.43	5.372 mg/kg	0.000537 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				4.1 mg/kg	1.462	5.992 mg/kg	0.000599 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				4.7 mg/kg	1.126	5.292 mg/kg	0.000529 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	3.2 mg/kg		3.2 mg/kg	0.00032 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				8.3 mg/kg	1.579	13.11 mg/kg	0.00131 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				19 mg/kg	2.469	46.917 mg/kg	0.00469 %		
13	pH PH				4.2 pH		4.2 pH	4.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
15	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
16	acenaphthene 201-469-6 83-32-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthylene 205-917-1 208-96-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	anthracene 204-371-1 120-12-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[ghi]perylene 205-883-8 191-24-2				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	chrysene 601-048-00-0 205-923-4 218-01-9				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4 206-44-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	fluorene 201-695-5 86-73-7				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	phenanthrene 201-581-5 85-01-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	pyrene 204-927-3 129-00-0				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	phenol 604-001-00-2 203-632-7 108-95-2				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0106 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: BH10

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH10	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.50 m		
Moisture content:		
79%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 79% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.4 mg/kg	1.32	5.809 mg/kg	0.000581 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.61 mg/kg	2.775	1.693 mg/kg	0.000169 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				8.2 mg/kg	13.43	110.126 mg/kg	0.011 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				6.5 mg/kg	1.462	9.5 mg/kg	0.00095 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	7.1 mg/kg		7.1 mg/kg	0.00071 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				7.3 mg/kg	1.579	11.53 mg/kg	0.00115 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				10 mg/kg	2.469	24.693 mg/kg	0.00247 %		
13	pH PH				6 pH		6 pH	6pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				37 mg/kg		37 mg/kg	0.0037 %		
			TPH							
16	acenaphthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0229 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous property to non hazardous because Low concentrations of longer chain hydrocarbons with negligible flammability risk.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0037%)

Classification of sample: BH22

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH22	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.50 m	
Moisture content:	
21%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 21% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.63 mg/kg	2.775	1.748 mg/kg	0.000175 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.2 mg/kg	13.43	16.116 mg/kg	0.00161 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	66 mg/kg		66 mg/kg	0.0066 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				14 mg/kg	1.579	22.113 mg/kg	0.00221 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				73 mg/kg	2.469	180.259 mg/kg	0.018 %		
13	pH PH				7.8 pH		7.8 pH	7.8 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.08 mg/kg		0.08 mg/kg	0.000008 %			
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
		201-581-5	85-01-8								
31	pyrene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0366 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH21

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH21	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10 m	
Moisture content:	
3.2%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 3.2% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				1.9 mg/kg	1.32	2.509 mg/kg	0.000251 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.08 mg/kg	2.775	0.222 mg/kg	0.0000222 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.3 mg/kg	13.43	4.029 mg/kg	0.000403 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				3.3 mg/kg	1.462	4.823 mg/kg	0.000482 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				4.1 mg/kg	1.126	4.616 mg/kg	0.000462 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	7.6 mg/kg		7.6 mg/kg	0.00076 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				3.1 mg/kg	1.579	4.896 mg/kg	0.00049 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				9.1 mg/kg	2.469	22.471 mg/kg	0.00225 %		
13	pH PH				5.2 pH		5.2 pH	5.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00669 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH21[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH21[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.80 m		
Moisture content:		
11%		
(no correction)		

Hazard properties

None identified

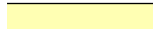



Determinands

Moisture content: **11% No Moisture Correction applied (MC)**


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				1 mg/kg	1.32	1.32 mg/kg	0.000132 %		
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				0.08 mg/kg	2.775	0.222 mg/kg	0.0000222 %		
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boron tribromide/trichloride/trifluoride (combined) }				0.3 mg/kg	13.43	4.029 mg/kg	0.000403 %		
			10294-33-4, 10294-34-5, 7637-07-2							
5	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
6	chromium { chromium(III) oxide (worst case) }				2.4 mg/kg	1.462	3.508 mg/kg	0.000351 %		
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				3.3 mg/kg	1.126	3.715 mg/kg	0.000372 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
	082-001-00-6									
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel dihydroxide }				3.4 mg/kg	1.579	5.37 mg/kg	0.000537 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
12	zinc { zinc sulphate }				8.4 mg/kg	2.469	20.742 mg/kg	0.00207 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
13	pH				5.7 pH		5.7 pH	5.7 pH		
			PH							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00568 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH01

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH01	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
21%	
(no correction)	

Hazard properties

None identified

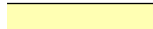



Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.7 mg/kg	2.775	1.943 mg/kg	0.000194 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.7 mg/kg	13.43	9.401 mg/kg	0.00094 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				30 mg/kg	1.462	43.847 mg/kg	0.00438 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	83 mg/kg		83 mg/kg	0.0083 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				19 mg/kg	1.579	30.01 mg/kg	0.003 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				97 mg/kg	2.469	239.522 mg/kg	0.024 %		
13	pH PH				7.9 pH		7.9 pH	7.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.15 mg/kg		0.15	mg/kg	0.000015 %		
		205-912-4	206-44-0								
27	fluorene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.05 mg/kg		0.05	mg/kg	0.000005 %		
		205-893-2	193-39-5								
29	naphthalene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.11 mg/kg		0.11	mg/kg	0.000011 %		
		201-581-5	85-01-8								
31	pyrene				0.13 mg/kg		0.13	mg/kg	0.000013 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0472 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH11	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
15%	
(no correction)	

Hazard properties

None identified

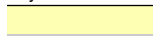



Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.1 mg/kg	2.775	3.053 mg/kg	0.000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.6 mg/kg	13.43	21.488 mg/kg	0.00215 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				49 mg/kg	1.462	71.616 mg/kg	0.00716 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				31 mg/kg	1.579	48.964 mg/kg	0.0049 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				160 mg/kg	2.469	395.087 mg/kg	0.0395 %		
13	pH PH				8.1 pH		8.1 pH	8.1 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
16	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
17	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
18	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
19	benzo[a]anthracene				0.12 mg/kg		0.12	mg/kg	0.000012 %		
	601-033-00-9	200-280-6	56-55-3								
20	benzo[a]pyrene; benzo[def]chrysene				0.11 mg/kg		0.11	mg/kg	0.000011 %		
	601-032-00-3	200-028-5	50-32-8								
21	benzo[b]fluoranthene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
	601-034-00-4	205-911-9	205-99-2								
22	benzo[ghi]perylene				0.09 mg/kg		0.09	mg/kg	0.000009 %		
		205-883-8	191-24-2								
23	benzo[k]fluoranthene				0.06 mg/kg		0.06	mg/kg	0.000006 %		
	601-036-00-5	205-916-6	207-08-9								
24	chrysene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-048-00-0	205-923-4	218-01-9								
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
26	fluoranthene				0.19 mg/kg		0.19	mg/kg	0.000019 %		
		205-912-4	206-44-0								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	indeno[123-cd]pyrene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		205-893-2	193-39-5								
29	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
30	phenanthrene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
		201-581-5	85-01-8								
31	pyrene				0.17 mg/kg		0.17	mg/kg	0.000017 %		
		204-927-3	129-00-0								
32	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0753 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.55 m	
Moisture content:	
15%	
(no correction)	

Hazard properties

None identified





Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.1 mg/kg	1.32	6.734 mg/kg	0.000673 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.33 mg/kg	2.775	0.916 mg/kg	0.0000916 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				1.3 mg/kg	13.43	17.459 mg/kg	0.00175 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				9.8 mg/kg	1.462	14.323 mg/kg	0.00143 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				8.1 mg/kg	1.126	9.12 mg/kg	0.000912 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	27 mg/kg		27 mg/kg	0.0027 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				6.4 mg/kg	1.579	10.109 mg/kg	0.00101 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				29 mg/kg	2.469	71.61 mg/kg	0.00716 %		
13	pH PH				7.9 pH		7.9 pH	7.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0173 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH20[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH20[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.50 m		
Moisture content:		
15%		
(no correction)		

Hazard properties

None identified

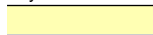



Determinands

Moisture content: 15% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				1.1 mg/kg	1.32	1.452 mg/kg	0.000145 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.11 mg/kg	2.775	0.305 mg/kg	0.0000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.3 mg/kg	13.43	4.029 mg/kg	0.000403 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				3.4 mg/kg	1.462	4.969 mg/kg	0.000497 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				9.5 mg/kg	1.126	10.696 mg/kg	0.00107 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	3.3 mg/kg		3.3 mg/kg	0.00033 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				4.6 mg/kg	1.579	7.266 mg/kg	0.000727 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				14 mg/kg	2.469	34.57 mg/kg	0.00346 %		
13	pH PH				7.4 pH		7.4 pH	7.4 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00823 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH02

 **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH02	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m		
Moisture content:		
11%		
(no correction)		

Hazard properties

None identified

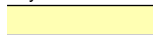



Determinands

Moisture content: **11% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				6.8 mg/kg	1.32	8.978 mg/kg	0.000898 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.31 mg/kg	2.775	0.86 mg/kg	0.000086 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.6 mg/kg	13.43	8.058 mg/kg	0.000806 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				10 mg/kg	1.126	11.259 mg/kg	0.00113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	28 mg/kg		28 mg/kg	0.0028 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				8.2 mg/kg	1.579	12.952 mg/kg	0.0013 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				40 mg/kg	2.469	98.772 mg/kg	0.00988 %		
13	pH PH				7.8 pH		7.8 pH	7.8 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0201 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH02[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH02[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.70 m		
Moisture content:		
16%		
(no correction)		

Hazard properties

None identified





Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				3 mg/kg	1.32	3.961 mg/kg	0.000396 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.19 mg/kg	2.775	0.527 mg/kg	0.0000527 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.4 mg/kg	13.43	5.372 mg/kg	0.000537 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				4.1 mg/kg	1.462	5.992 mg/kg	0.000599 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				5.4 mg/kg	1.126	6.08 mg/kg	0.000608 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	4.3 mg/kg		4.3 mg/kg	0.00043 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				5.5 mg/kg	1.579	8.687 mg/kg	0.000869 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				13 mg/kg	2.469	32.101 mg/kg	0.00321 %		
13	pH PH				7.8 pH		7.8 pH	7.8 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00827 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH04	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.50 m		
Moisture content:		
11%		
(no correction)		

Hazard properties

None identified

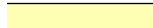
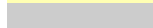


Determinands

Moisture content: **11% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				9.9 mg/kg	1.32	13.071 mg/kg	0.00131 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.36 mg/kg	2.775	0.999 mg/kg	0.0000999 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.3 mg/kg	13.43	4.029 mg/kg	0.000403 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				9.4 mg/kg	1.126	10.583 mg/kg	0.00106 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	39 mg/kg		39 mg/kg	0.0039 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				11 mg/kg	1.579	17.374 mg/kg	0.00174 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				49 mg/kg	2.469	120.996 mg/kg	0.0121 %		
13	pH PH				8.5 pH		8.5 pH	8.5 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0239 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH04[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH04[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.50 m		
Moisture content:		
61%		
(no correction)		

Hazard properties

None identified





Determinands

Moisture content: **61% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				3 mg/kg	1.32	3.961 mg/kg	0.000396 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.49 mg/kg	2.775	1.36 mg/kg	0.000136 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				5.5 mg/kg	13.43	73.865 mg/kg	0.00739 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				6.8 mg/kg	1.462	9.939 mg/kg	0.000994 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	6.4 mg/kg		6.4 mg/kg	0.00064 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				4.6 mg/kg	1.579	7.266 mg/kg	0.000727 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				5.5 mg/kg	2.469	13.581 mg/kg	0.00136 %		
13	pH PH				6.9 pH		6.9 pH	6.9 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				140 mg/kg		140 mg/kg	0.014 %		
			TPH							
16	acenaphthene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				0.62 mg/kg		0.62 mg/kg	0.000062 %		
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0282 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Low concentrations of longer chain hydrocarbons with negligible flammability risk.

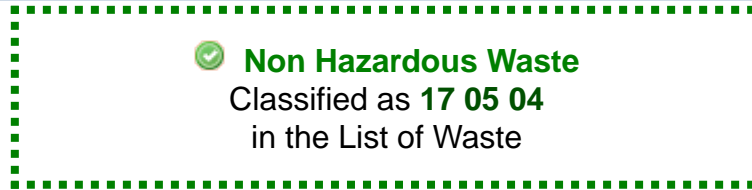
Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: BH05



Sample details

Sample name:	LoW Code:	
BH05	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m		
Moisture content:		
15%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				28	mg/kg	1.32	36.969	mg/kg	0.0037 %		
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				2.5	mg/kg	13.43	33.575	mg/kg	0.00336 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				55	mg/kg	1.462	80.386	mg/kg	0.00804 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				55	mg/kg	1.126	61.924	mg/kg	0.00619 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %		
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				33	mg/kg	1.579	52.123	mg/kg	0.00521 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				190	mg/kg	2.469	469.166	mg/kg	0.0469 %		
13	pH PH				8	pH		8	pH	8pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				53 mg/kg		53 mg/kg	0.0053 %		
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				0.25 mg/kg		0.25 mg/kg	0.000025 %		
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				0.35 mg/kg		0.35 mg/kg	0.000035 %		
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				0.25 mg/kg		0.25 mg/kg	0.000025 %		
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
		201-581-5	85-01-8							
31	pyrene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0938 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous property to non hazardous because Low concentrations of longer chain hydrocarbons with negligible flammability risk.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0053%)

Classification of sample: BH05[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH05[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.00 m		
Moisture content:		
16%		
(no correction)		

Hazard properties

None identified





Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<1 mg/kg	1.32	<1.32 mg/kg	<0.000132 %		<LOD
3	beryllium { beryllium oxide } 004-003-00-8 215-133-1 1304-56-9				0.14 mg/kg	2.775	0.389 mg/kg	0.0000389 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2				0.4 mg/kg	13.43	5.372 mg/kg	0.000537 %		
5	cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6			1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
6	chromium { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				3.3 mg/kg	1.462	4.823 mg/kg	0.000482 %		
7	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				7.8 mg/kg	1.126	8.782 mg/kg	0.000878 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	7.8 mg/kg		7.8 mg/kg	0.00078 %		
9	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
10	nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2]				4.5 mg/kg	1.579	7.108 mg/kg	0.000711 %		
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
12	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				11 mg/kg	2.469	27.162 mg/kg	0.00272 %		
13	pH PH				8.2 pH		8.2 pH	8.2 pH		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
19	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
20	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
21	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
22	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
23	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
26	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
30	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.00785 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

confirm TPH has NOT arisen from diesel or petrol

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

boron tribromide/trichloride/trifluoride (combined) (CAS Number: 10294-33-4, 10294-34-5, 7637-07-2)

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06 Aug 2015
Hazard Statements: EUH014 , Acute Tox. 2; H330 , Acute Tox. 2; H300 , Skin Corr. 1A; H314 , Skin Corr. 1B; H314

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

lead compounds with the exception of those specified elsewhere in this Annex (worst case)

GB MCL index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

• **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

• **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

• **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on risk phrases

beryllium {beryllium oxide}

Worst case species based on risk phrases

boron {boron tribromide/trichloride/trifluoride (combined)}

Worst case species based on risk phrases

cadmium {cadmium sulfide}

Worst case species based on risk phrases

chromium {chromium(III) oxide (worst case)}

Chromium VI not detected

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Chromium VI not detected

mercury {mercury dichloride}

Worst case species based on risk phrases

nickel {nickel dihydroxide}

Worst case species based on risk phrases

selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Worst case species based on risk phrases

zinc {zinc sulphate}

Chromium VI not detected

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Worst case species

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2023.289.5779.10675 (16 Oct 2023)

HazWasteOnline Database: 2023.283.5774.10667 (10 Oct 2023)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021



A **CAF** GROUP COMPANY

