

Trial Pit Photographs



Trial Pit Photographs



Trial Pit Photographs



Trial Pit Photographs



Trial Pit Photographs



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Trial Pit Photographs



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Trial Pit Photographs



Trial Pit Photographs



APPENDIX D

Geotechnical Laboratory Results





Steve Hutchings
Murray Rix (Northern Ltd).
Andrew House
Hadfield Street
Dukinfield
SK16 4QX

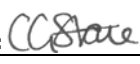
i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: MURRAYRIX Group

Analytical Report Number : 22-41567

Project / Site name:	Townside Fields, Bury	Samples received on:	23/02/2022
Your job number:		Samples instructed on/ Analysis started on:	23/02/2022
Your order number:	22 069	Analysis completed by:	03/03/2022
Report Issue Number:	1	Report issued on:	03/03/2022
Samples Analysed:	4 soil samples		

Signed: 

Claire Stone
Quality Manager
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.

Analytical Report Number: 22-41567
 Project / Site name: Townside Fields, Bury
 Your Order No: 22 069

Lab Sample Number				2183829	2183830	2183831	2183832
Sample Reference				109236	109240	109244	109249
Sample Number				TP01	TP03	TP05	TP07
Depth (m)				2.00-2.50	2.00-2.50	1.00-1.50	2.00-2.50
Date Sampled				Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	39	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	17	13	13
Total mass of sample received	kg	0.001	NONE	0.30	0.30	0.30	0.30

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	7.9	7.9	7.8
Total Sulphate as SO ₄	%	0.005	MCERTS	0.100	0.048	0.041	0.029
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.096	0.15	0.093	0.033
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	96.0	151	93.1	32.7
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	2.8	12	9.2	3.4
Total Sulphur	%	0.005	MCERTS	0.065	0.120	0.098	0.036
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0

Heavy Metals / Metalloids

Magnesium (water soluble)	mg/kg	5	NONE	18	24	13	6.6
Magnesium (leachate equivalent)	mg/l	2.5	NONE	8.9	12	6.3	3.3

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number : 22-41567

Project / Site name: Townside Fields, Bury

* 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 *
2183829	109236	TP01	2.00-2.50	Brown clay and loam with gravel and stones.
2183830	109240	TP03	2.00-2.50	Brown clay and loam with gravel.
2183831	109244	TP05	1.00-1.50	Brown clay and loam with gravel.
2183832	109249	TP07	2.00-2.50	Brown clay and loam with gravel.

Analytical Report Number : 22-41567

Project / Site name: Townside Fields, Bury

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
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES.	In-house method based on TRL 447	L038-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
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
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 Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil as %	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
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
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry.	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08, 2:1 extraction.	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In house method.	L082-PL	D	MCERTS
Sulphate, water soluble, in soil	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

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' 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.

Sample Deviation Report



Analytical Report Number : 22-41567

Project / Site name: Townside Fields, Bury

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.

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
109236	TP01	S	2183829	a	None Supplied	None Supplied	None Supplied
109240	TP03	S	2183830	a	None Supplied	None Supplied	None Supplied
109244	TP05	S	2183831	a	None Supplied	None Supplied	None Supplied
109249	TP07	S	2183832	a	None Supplied	None Supplied	None Supplied

TEST REPORT

Client Dunelm Geotechnical & Environmental Ltd

Address Unit 567
Chambers Business Park
Chapel Road
Oldham
OL8 4QQ

Contract M1062 -
Townside Fields, Bury

Job Number MRN 4374/6
Date of Issue 10 March 2022
Pages 1 of 9

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation.
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted.
- 5 The results included within the report are representative of the samples submitted for analysis.
- 6 This certificate should not be reproduced, except in full, without the express permission of the laboratory.



Andrew House, Hadfield Street, Dukinfield, Cheshire SK16 4QX Tel: 0161 475 0870
Email: enquiries@murrayrix.com Website: www.murrayrix.com

Also at: London: 020 8523 1999

Murray Rix is the trading name of Murray Rix (Northern) Limited. Registered in England 2878361

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

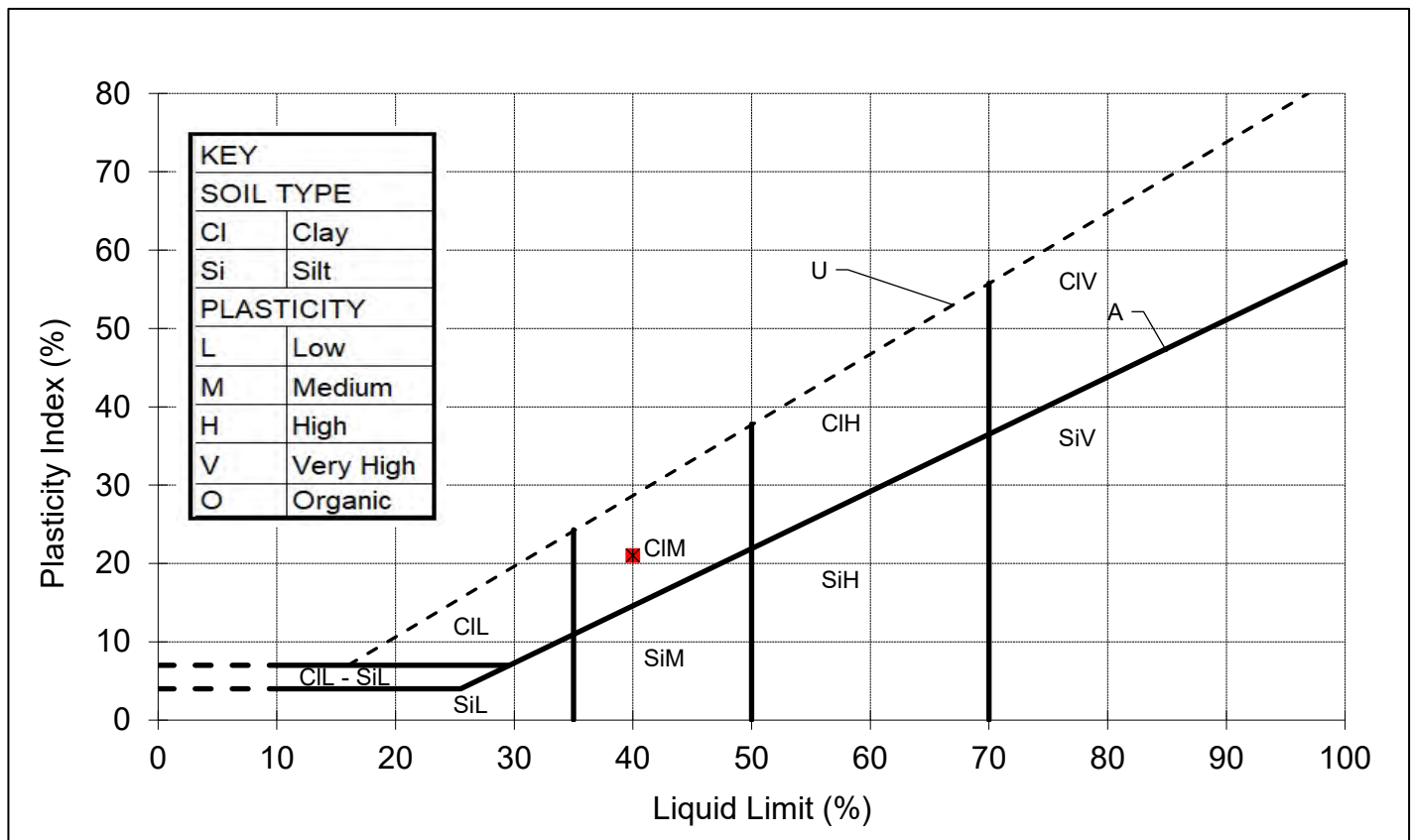
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	TP03 2-2.5	DATE SAMPLED	Not advised
SAMPLE No.	109240	DATE RECEIVED	15-Feb-22
DATE TESTED	24-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation Sample

Natural Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
24	40	19	21	99



REMARKS

Sample tested in natural condition

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
DUKINFIELD, CHESHIRE SK16 4QX
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

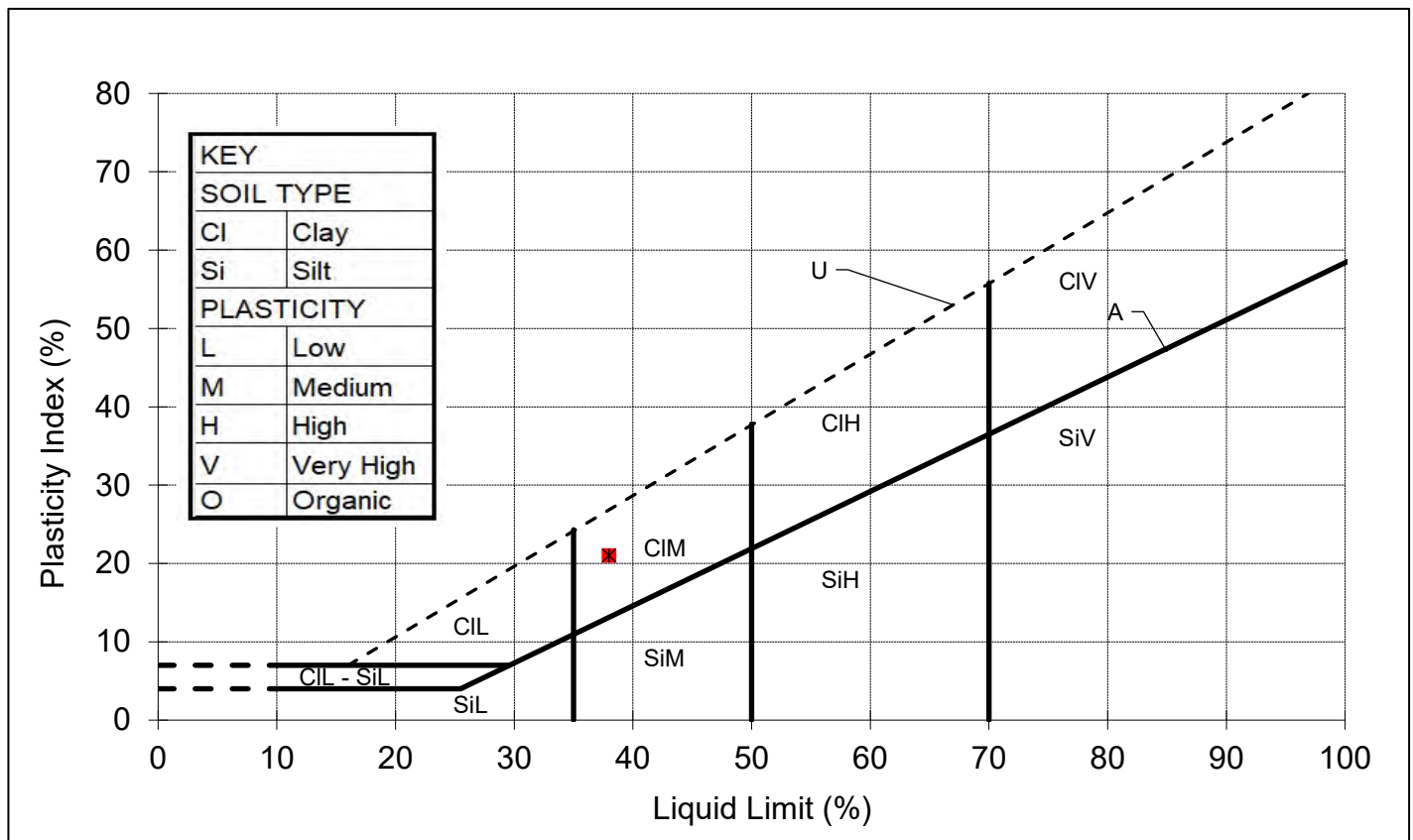
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	TP05 1-1.5	DATE SAMPLED	Not advised
SAMPLE No.	109244	DATE RECEIVED	15-Feb-22
DATE TESTED	24-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation Sample

Natural Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
17	38	17	21	98



REMARKS

Sample tested in natural condition

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

MURRAY RIX

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TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

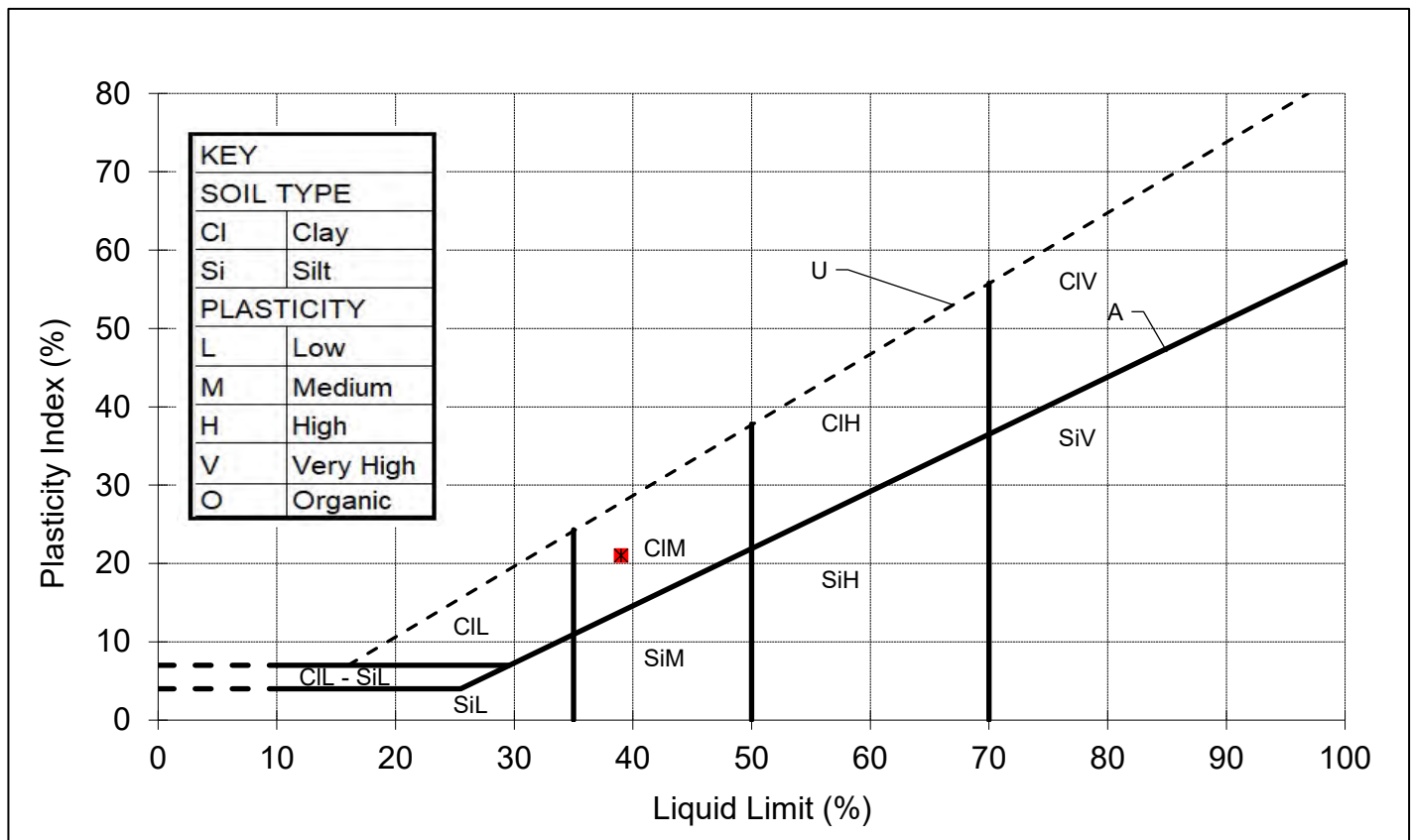
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	TP09 2.6-3	DATE SAMPLED	Not advised
SAMPLE No.	109253	DATE RECEIVED	15-Feb-22
DATE TESTED	24-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation Sample

Natural Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
21	39	18	21	99



REMARKS

Sample tested in natural condition

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

MURRAY RIX

ANDREW HOUSE, HADFIELD STREET,
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TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

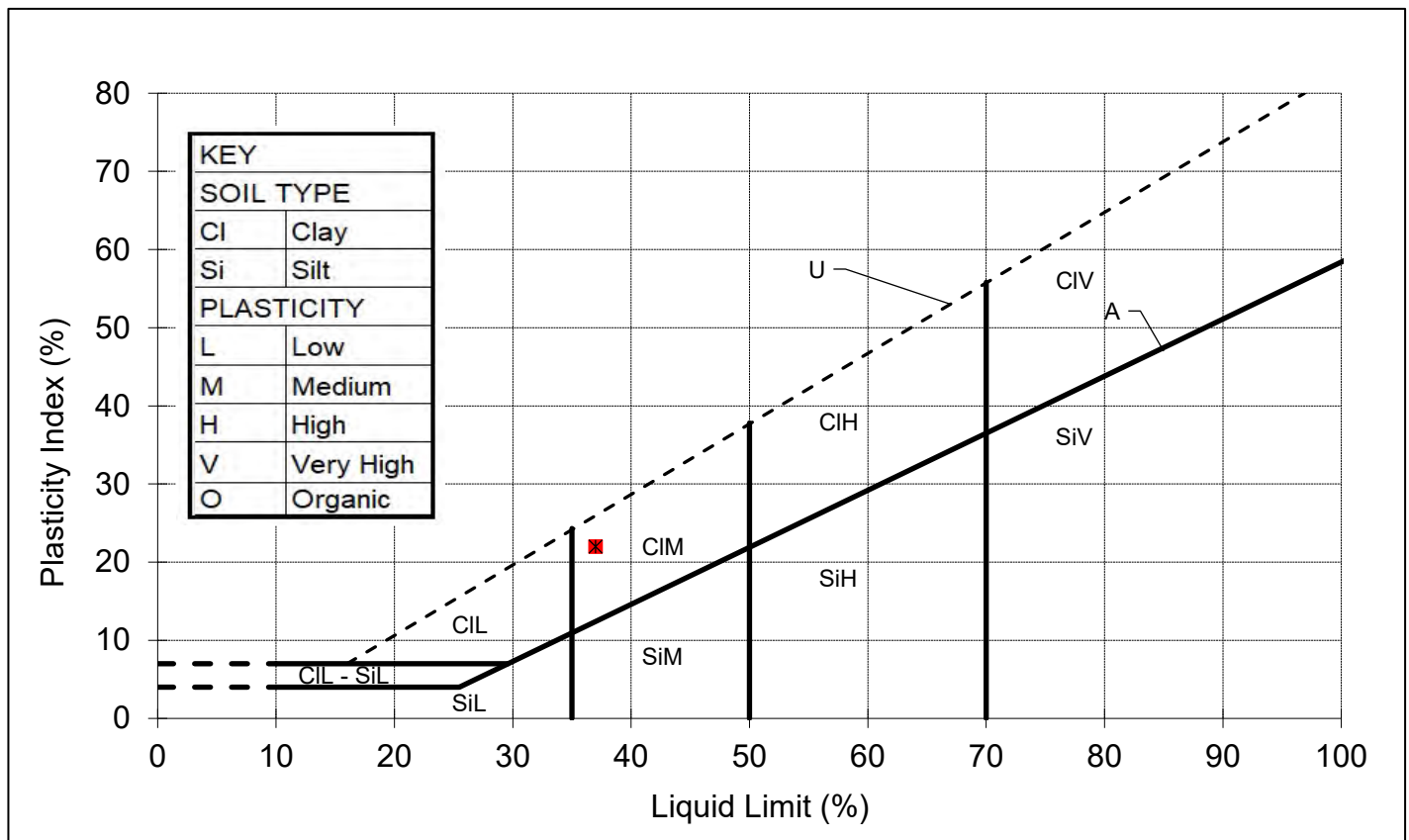
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	WS01 0.5-1	DATE SAMPLED	Not advised
SAMPLE No.	109255	DATE RECEIVED	15-Feb-22
DATE TESTED	24-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation Sample

Natural Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
14	37	15	22	90



REMARKS

Sample tested in natural condition

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

MURRAY RIX

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TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

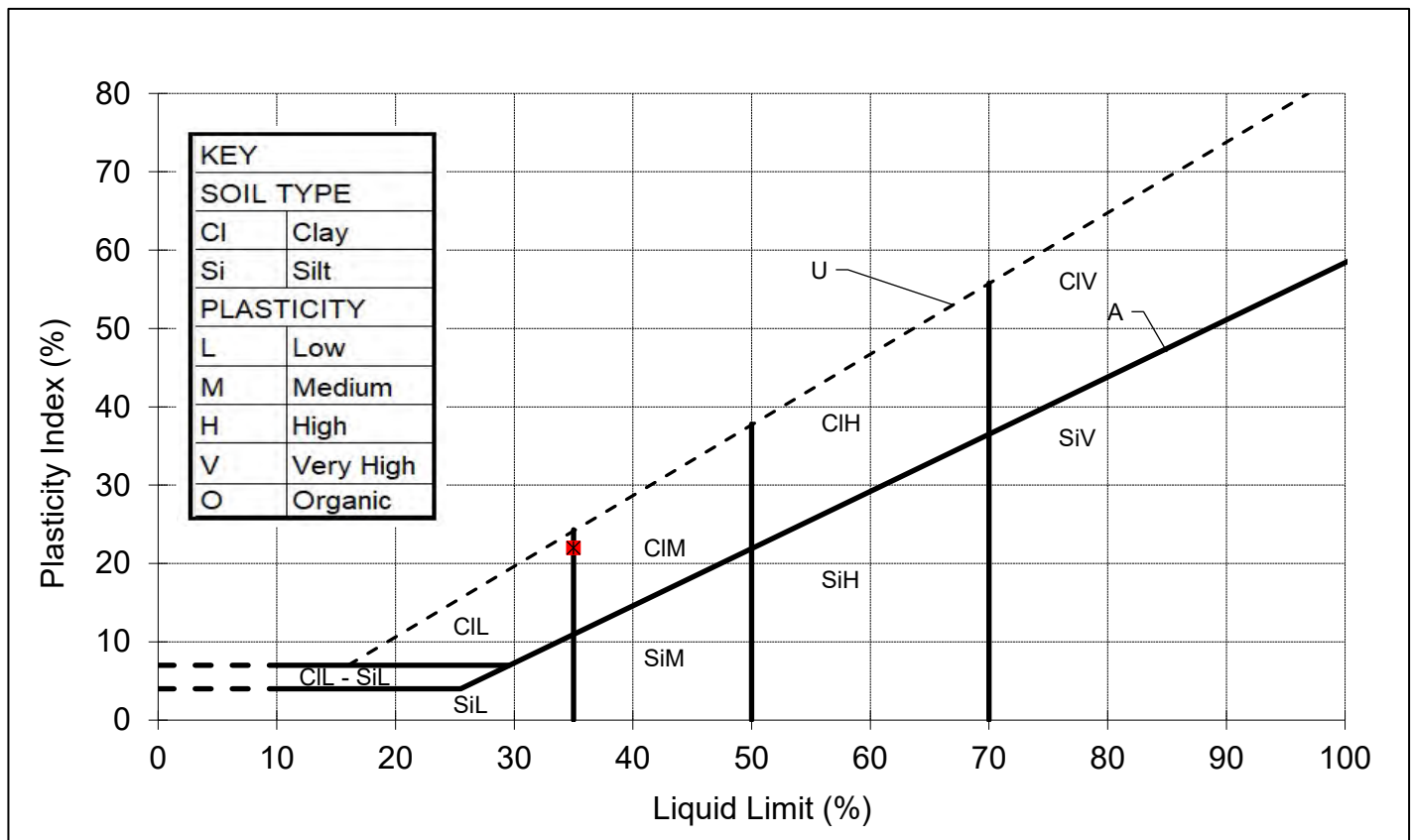
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	WS02 2-3	DATE SAMPLED	Not advised
SAMPLE No.	109258	DATE RECEIVED	15-Feb-22
DATE TESTED	24-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation Sample

Natural Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
13	35	13	22	84



REMARKS

Sample tested after wet sieving

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

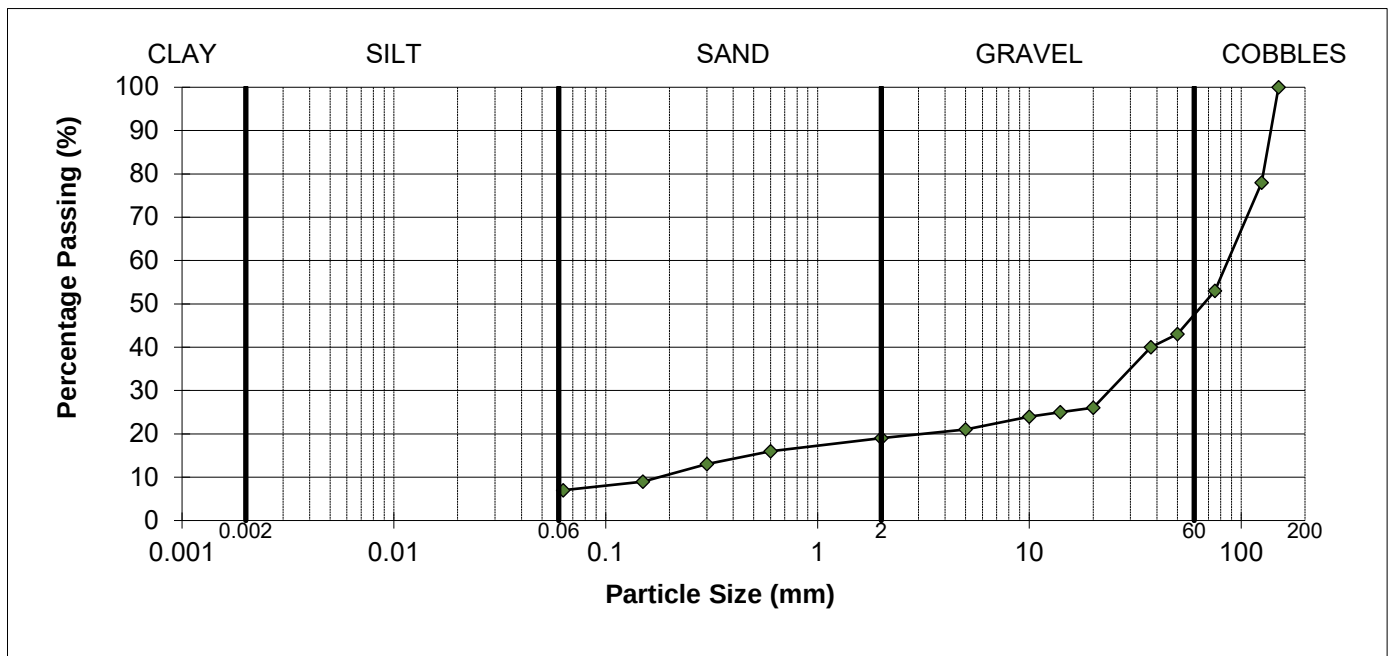
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	TP01 0.5-1	DATE SAMPLED	Not advised
LAB SAMPLE No	109235	DATE RECEIVED	15-Feb-22
DATE TESTED	23-Feb-22	SAMPLED BY	Client

MATERIAL	MADE GROUND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
150	100		10	24	
125	78		5	21	
75	53		2	19	
50	43		0.6	16	
37.5	40		0.3	13	
20	26		0.15	9	
14	25		0.063	7	



REMARKS

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE 10-Mar-22

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

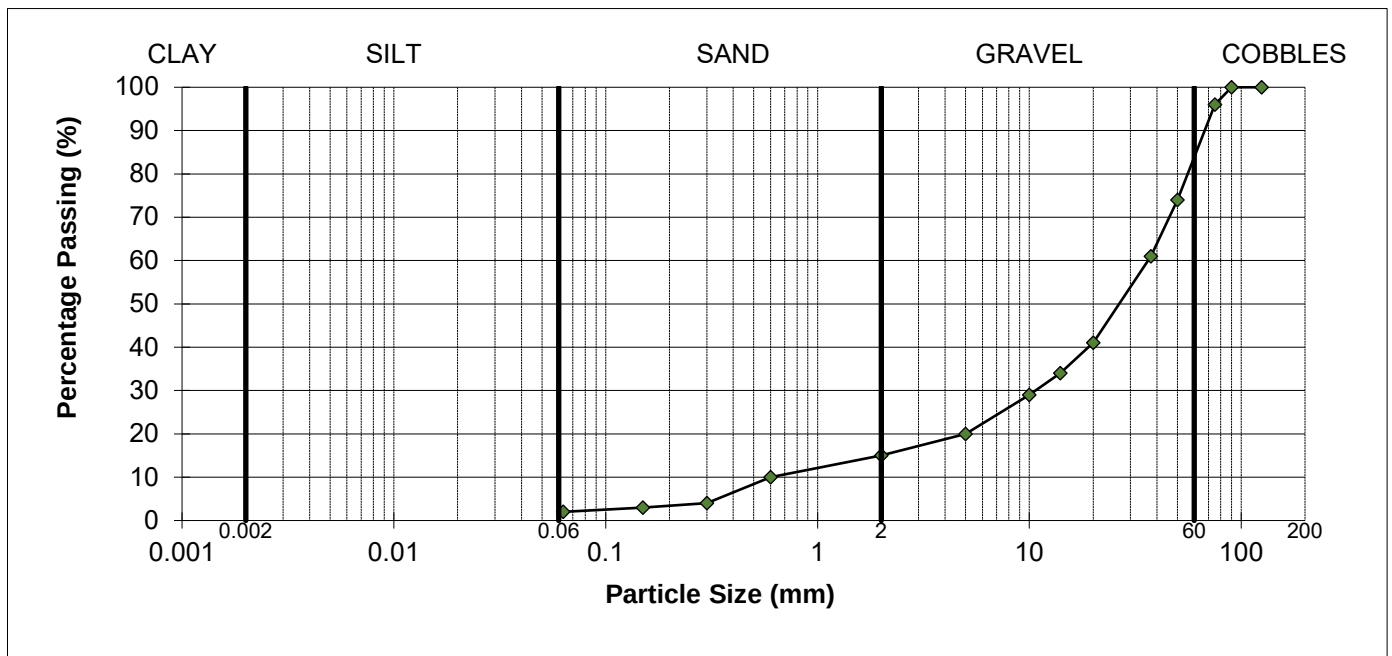
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	TP08 1-1.5	DATE SAMPLED	Not advised
LAB SAMPLE No	109250	DATE RECEIVED	15-Feb-22
DATE TESTED	23-Feb-22	SAMPLED BY	Client

MATERIAL	MADE GROUND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	29	
90	100		5	20	
75	96		2	15	
50	74		0.6	10	
37.5	61		0.3	4	
20	41		0.15	3	
14	34		0.063	2	



REMARKS

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE 10-Mar-22

MURRAY RIX

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TEL 0161 475 0870 FAX 0161 475 0871

TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.5: 1990

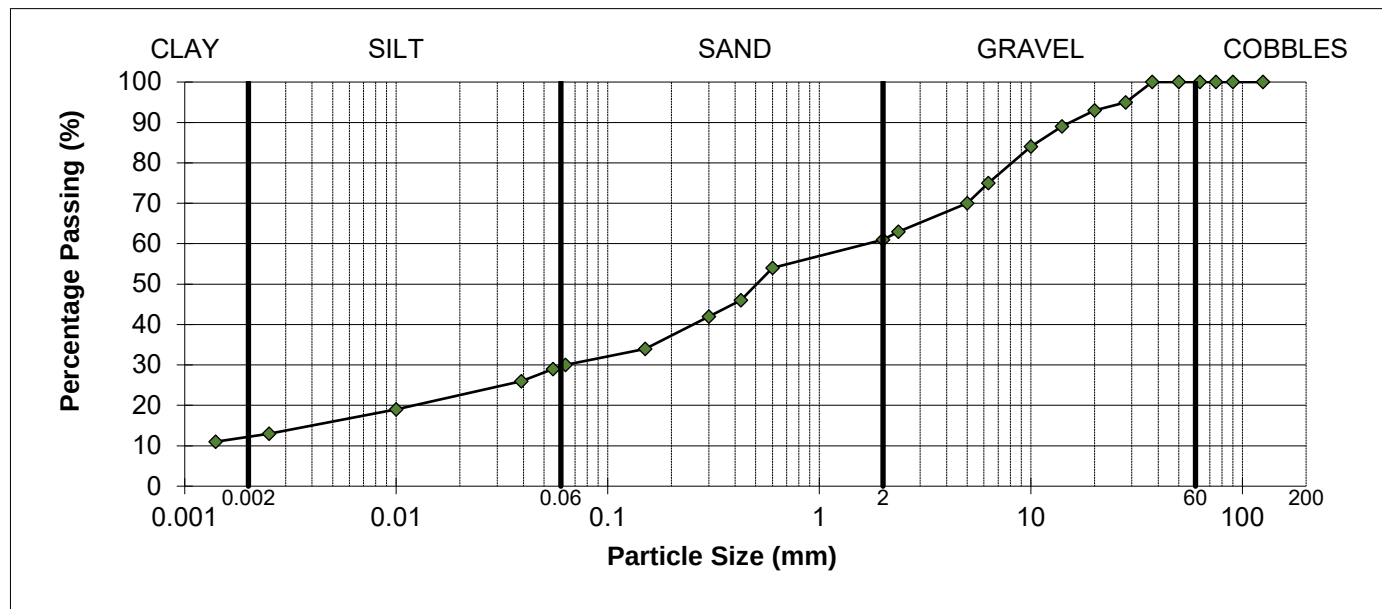
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	Dunelm Geotechnical & Environmental Ltd
SITE	M1062 - Townside Fields, Bury
JOB NUMBER	MRN 4374/6

SAMPLE LABEL	WS02 1.2-2	DATE SAMPLED	Not advised
LAB SAMPLE No	109256	DATE RECEIVED	15-Feb-22
DATE TESTED	23-Feb-22	SAMPLED BY	Client

MATERIAL	Stiff brown silty sandy CLAY with frequent gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		2.36	63	
90	100		2	61	
75	100		0.6	54	
63	100		0.425	46	
50	100		0.3	42	
37.5	100		0.15	34	
28	95		0.063	30	
20	93		0.055	29	
14	89		0.039	26	
10	84		0.01	19	
6.3	75		0.0025	13	
5	70		0.0014	11	



REMARKS

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

07-Mar-22

APPENDIX E

Chemical Laboratory Results





Certificate of Analysis

Certificate Number 22-02376

Issued: 14-Feb-22

Client Dunelm Geotechnical & Environmental Ltd
Chambers Business Centre
Chapel Road
Oldham
OL8 4QQ

Our Reference 22-02376

Client Reference M1062

Order No (not supplied)

Contract Title Townside Fields, Bury

Description 13 Soil samples.

Date Received 08-Feb-22

Date Started 08-Feb-22

Date Completed 14-Feb-22

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

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

Approved By



Kirk Bridgewood
General Manager



Summary of Chemical Analysis

Matrix Descriptions

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Sample ID	Depth	Lab No	Completed	Matrix Description
TP01	0.5	1967519	14/02/2022	Brown gravelly, sandy CLAY
TP02	0.5	1967520	14/02/2022	Brown gravelly, sandy CLAY (Possible made ground - brick)
TP03	0.5	1967521	14/02/2022	Brown gravelly, sandy CLAY
TP03	2.3	1967522	14/02/2022	Brown gravelly, sandy CLAY
TP04A	0.2	1967523	14/02/2022	Brown gravelly, sandy CLAY including some rootlets
TP05	0.5	1967524	14/02/2022	Brown sandy CLAY
TP06	0.2	1967525	14/02/2022	Brown gravelly, sandy CLAY including some rootlets
TP06	0.5	1967526	14/02/2022	Brown gravelly, very sandy CLAY
TP07	0.5	1967527	14/02/2022	Brown gravelly, sandy CLAY
TP08	0.2	1967528	14/02/2022	Brown gravelly SAND
TP09	0.5	1967529	14/02/2022	Brown gravelly, very sandy CLAY
WS01	0.5	1967530	14/02/2022	Brown, very gravelly, sandy CLAY
WS02	0.5	1967531	14/02/2022	Brown gravelly, sandy CLAY (Possible made ground - brick)

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967519	1967520	1967521	1967522	1967523	1967524
Sample ID	TP01	TP02	TP03	TP03	TP04A	TP05
Depth	0.50	0.50	0.50	2.30	0.20	0.50
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	31/01/2022	31/01/2022	31/01/2022	31/01/2022	31/01/2022	31/01/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Preparation									
Moisture Content	DETSC 1004	0.1	%	14	15	18	17	11	17
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	23	11	12	12	1.5	8.4
Beryllium	DETSC 2301#	0.2	mg/kg	0.7	0.6	0.6	1.3	< 0.2	0.7
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.5	0.3	0.4	0.2	< 0.2	< 0.2
Cadmium	DETSC 2301#	0.1	mg/kg	0.3	0.3	0.3	0.3	0.1	0.2
Chromium	DETSC 2301#	0.15	mg/kg	61	13	17	21	3.6	18
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	490	54	390	70	8.5	27
Lead	DETSC 2301#	0.3	mg/kg	110	45	67	35	9.9	13
Mercury	DETSC 2325#	0.05	mg/kg	0.29	0.05	0.07	< 0.05	< 0.05	< 0.05
Nickel	DETSC 2301#	1	mg/kg	68	19	20	34	3.8	30
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	69	20	35	32	8.4	21
Zinc	DETSC 2301#	1	mg/kg	150	73	91	110	33	63
Inorganics									
pH	DETSC 2008#		pH	7.2	7.5	8.2	7.9	8.0	8.2
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.6	0.2	0.2	0.2	< 0.1	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%		3.5	7.7	5.0		1.4
Sulphide	DETSC 2024*	10	mg/kg	77	69	170	42	46	42
Sulphate as SO ₄ , Total	DETSC 2321#	100	mg/kg	704	1840	955	499	214	673
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg				< 0.01		
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg				< 0.01		
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg				< 0.01		
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg				< 1.5		
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg				< 1.2		
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg				< 1.5		
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg				< 3.4		
Aliphatic C35-C44	DETSC 3072*	3.4	mg/kg				< 3.4		
Aliphatic C10-C44	DETSC 3072*	10	mg/kg				< 10		
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg				< 0.01		
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg				< 0.01		
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg				< 0.01		
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg				< 0.9		
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg				< 0.5		
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg				< 0.6		
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg				< 1.4		
Aromatic C35-C44	DETSC 3072*	1.4	mg/kg				< 1.4		
Aromatic C10-C44	DETSC 3072*	10	mg/kg				< 10		
Ali/Aro C10-C44	DETSC 3072*	10	mg/kg				< 10		
EPH (C8-C10)	DETSC 3321*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967519	1967520	1967521	1967522	1967523	1967524
Sample ID	TP01	TP02	TP03	TP03	TP04A	TP05
Depth	0.50	0.50	0.50	2.30	0.20	0.50
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	31/01/2022	31/01/2022	31/01/2022	31/01/2022	31/01/2022	31/01/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
EPH (C10-C12)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C12-C16)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	24	< 10	< 10
EPH (C16-C21)	DETSC 3311	10	mg/kg	16	< 10	18	57	< 10	< 10
EPH (C21-C40)	DETSC 3311	10	mg/kg	< 10	< 10	45	27	< 10	< 10
PAHs									
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.16	0.47	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.57	2.0	< 0.03	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	0.26	1.6	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.14	< 0.03	0.78	4.1	0.04	0.04
Anthracene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	0.16	0.57	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.21	< 0.03	1.2	2.1	0.05	< 0.03
Pyrene	DETSC 3303#	0.03	mg/kg	0.19	< 0.03	0.97	1.4	0.04	< 0.03
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	0.06	< 0.03	0.21	0.23	< 0.03	< 0.03
Chrysene	DETSC 3303	0.03	mg/kg	0.08	< 0.03	0.30	0.29	< 0.03	< 0.03
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.05	< 0.03	0.21	0.14	< 0.03	< 0.03
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.09	0.07	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.03	< 0.03	0.13	0.08	< 0.03	< 0.03
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.06	0.04	< 0.03	< 0.03
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.06	0.03	< 0.03	< 0.03
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	0.73	< 0.10	5.2	13	0.13	< 0.10
Phenols									
Cresols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Resorcinol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Trimethylphenol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Xylenols & Ethylphenols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenols, Total	DETSC 3451*	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967525	1967526	1967527	1967528	1967529	1967530
Sample ID	TP06	TP06	TP07	TP08	TP09	WS01
Depth	0.20	0.50	0.50	0.20	0.50	0.50
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	01/02/2022	01/02/2022	01/02/2022	01/02/2022	01/02/2022	02/02/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Preparation									
Moisture Content	DETSC 1004	0.1	%	18	13	15	20	14	6.5
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	16	10	8.8	5.3	12	3.0
Beryllium	DETSC 2301#	0.2	mg/kg	0.7	0.6	0.5	0.5	1.0	0.4
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.5	0.2	< 0.2	< 0.2	< 0.2	< 0.2
Cadmium	DETSC 2301#	0.1	mg/kg	0.4	0.4	0.3	0.2	0.4	< 0.1
Chromium	DETSC 2301#	0.15	mg/kg	16	9.9	13	9.8	110	15
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	45	45	26	20	410	14
Lead	DETSC 2301#	0.3	mg/kg	65	55	77	10	59	9.4
Mercury	DETSC 2325#	0.05	mg/kg	0.06	< 0.05	< 0.05	< 0.05	< 0.05	0.05
Nickel	DETSC 2301#	1	mg/kg	20	26	15	15	29	22
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	26	19	17	12	450	15
Zinc	DETSC 2301#	1	mg/kg	95	400	64	52	100	46
Inorganics									
pH	DETSC 2008#		pH	7.5	7.4	7.8	7.3	7.8	9.2
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.5	< 0.1	< 0.1	< 0.1	0.1	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%			2.3		8.8	
Sulphide	DETSC 2024*	10	mg/kg	77	38	27	19	65	23
Sulphate as SO ₄ , Total	DETSC 2321#	100	mg/kg	509	352	278	119	616	223
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg					< 0.01	
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg					< 0.01	
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg					< 0.01	
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg					< 1.5	
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg					< 1.2	
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg					< 1.5	
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg					< 3.4	
Aliphatic C35-C44	DETSC 3072*	3.4	mg/kg					< 3.4	
Aliphatic C10-C44	DETSC 3072*	10	mg/kg					< 10	
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg					< 0.01	
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg					< 0.01	
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg					< 0.01	
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg					< 0.9	
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg					< 0.5	
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg					< 0.6	
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg					< 1.4	
Aromatic C35-C44	DETSC 3072*	1.4	mg/kg					< 1.4	
Aromatic C10-C44	DETSC 3072*	10	mg/kg					< 10	
Ali/Aro C10-C44	DETSC 3072*	10	mg/kg					< 10	
EPH (C8-C10)	DETSC 3321*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967525	1967526	1967527	1967528	1967529	1967530
Sample ID	TP06	TP06	TP07	TP08	TP09	WS01
Depth	0.20	0.50	0.50	0.20	0.50	0.50
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	01/02/2022	01/02/2022	01/02/2022	01/02/2022	01/02/2022	02/02/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
EPH (C10-C12)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C12-C16)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C16-C21)	DETSC 3311	10	mg/kg	50	< 10	45	< 10	< 10	< 10
EPH (C21-C40)	DETSC 3311	10	mg/kg	110	< 10	110	< 10	< 10	< 10
PAHs									
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.09	< 0.03	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	0.08	< 0.03	0.35	< 0.03	0.05	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	0.04	< 0.03	0.19	< 0.03	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.49	0.15	1.8	< 0.03	0.27	< 0.03
Anthracene	DETSC 3303	0.03	mg/kg	0.09	< 0.03	0.48	< 0.03	0.05	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.92	0.25	3.0	< 0.03	0.54	< 0.03
Pyrene	DETSC 3303#	0.03	mg/kg	0.84	0.24	2.6	< 0.03	0.54	< 0.03
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	0.28	0.08	0.98	< 0.03	0.18	< 0.03
Chrysene	DETSC 3303	0.03	mg/kg	0.36	0.12	0.89	< 0.03	0.24	< 0.03
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.30	0.09	0.82	< 0.03	0.18	< 0.03
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	0.10	0.04	0.32	< 0.03	0.09	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.20	0.05	0.62	< 0.03	0.13	< 0.03
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	0.08	< 0.03	0.22	< 0.03	0.06	< 0.03
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	0.09	0.03	0.22	< 0.03	0.07	< 0.03
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	3.9	1.0	13	< 0.10	2.4	< 0.10
Phenols									
Cresols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Resorcinol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Trimethylphenol	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Xylenols & Ethylphenols	DETSC 3451*	0.5	mg/kg	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenols, Total	DETSC 3451*	5	mg/kg	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967531
Sample ID	WS02
Depth	0.50
Other ID	
Sample Type	SOIL
Sampling Date	02/02/2022
Sampling Time	n/s

Test	Method	LOD	Units	
Preparation				
Moisture Content	DETSC 1004	0.1	%	11
Metals				
Arsenic	DETSC 2301#	0.2	mg/kg	7.2
Beryllium	DETSC 2301#	0.2	mg/kg	0.7
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.3
Cadmium	DETSC 2301#	0.1	mg/kg	0.2
Chromium	DETSC 2301#	0.15	mg/kg	13
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	40
Lead	DETSC 2301#	0.3	mg/kg	29
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05
Nickel	DETSC 2301#	1	mg/kg	19
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	21
Zinc	DETSC 2301#	1	mg/kg	46
Inorganics				
pH	DETSC 2008#		pH	8.0
Cyanide, Total	DETSC 2130#	0.1	mg/kg	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%	2.3
Sulphide	DETSC 2024*	10	mg/kg	19
Sulphate as SO ₄ , Total	DETSC 2321#	100	mg/kg	478
Petroleum Hydrocarbons				
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	
Aliphatic C35-C44	DETSC 3072*	3.4	mg/kg	
Aliphatic C10-C44	DETSC 3072*	10	mg/kg	
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	
Aromatic C35-C44	DETSC 3072*	1.4	mg/kg	
Aromatic C10-C44	DETSC 3072*	10	mg/kg	
Ali/Aro C10-C44	DETSC 3072*	10	mg/kg	
EPH (C8-C10)	DETSC 3321*	0.1	mg/kg	< 0.1

Summary of Chemical Analysis

Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	1967531
Sample ID	WS02
Depth	0.50
Other ID	
Sample Type	SOIL
Sampling Date	02/02/2022
Sampling Time	n/s

Test	Method	LOD	Units	
EPH (C10-C12)	DETSC 3311	10	mg/kg	< 10
EPH (C12-C16)	DETSC 3311	10	mg/kg	19
EPH (C16-C21)	DETSC 3311	10	mg/kg	110
EPH (C21-C40)	DETSC 3311	10	mg/kg	150
PAHs				
Naphthalene	DETSC 3303#	0.03	mg/kg	0.97
Acenaphthylene	DETSC 3303#	0.03	mg/kg	0.04
Acenaphthene	DETSC 3303#	0.03	mg/kg	1.2
Fluorene	DETSC 3303	0.03	mg/kg	0.89
Phenanthrene	DETSC 3303#	0.03	mg/kg	4.4
Anthracene	DETSC 3303	0.03	mg/kg	1.4
Fluoranthene	DETSC 3303#	0.03	mg/kg	4.1
Pyrene	DETSC 3303#	0.03	mg/kg	3.4
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	1.4
Chrysene	DETSC 3303	0.03	mg/kg	1.3
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	1.1
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	0.45
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.84
Indeno(1,2,3-c,d)pyrene	DETSC 3303#	0.03	mg/kg	0.29
Dibenzo(a,h)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03
Benzo(g,h,i)perylene	DETSC 3303#	0.03	mg/kg	0.29
PAH - USEPA 16, Total	DETSC 3303	0.1	mg/kg	22
Phenols				
Cresols	DETSC 3451*	0.5	mg/kg	< 0.50
Naphthols	DETSC 3451*	0.5	mg/kg	< 0.50
Phenol	DETSC 3451*	0.5	mg/kg	< 0.50
Resorcinol	DETSC 3451*	0.5	mg/kg	< 0.50
Trimethylphenol	DETSC 3451*	0.5	mg/kg	< 0.50
Xylenols & Ethylphenols	DETSC 3451*	0.5	mg/kg	< 0.50
Phenols, Total	DETSC 3451*	5	mg/kg	< 5.0

Summary of Asbestos Analysis Soil Samples

Our Ref 22-02376

Client Ref M1062

Contract Title Townside Fields, Bury

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
1967519	TP01 0.50	SOIL	NAD	none	Rebecca Burgess
1967520	TP02 0.50	SOIL	NAD	none	Rebecca Burgess
1967521	TP03 0.50	SOIL	NAD	none	Rebecca Burgess
1967522	TP03 2.30	SOIL	NAD	none	Rebecca Burgess
1967523	TP04A 0.20	SOIL	NAD	none	Rebecca Burgess
1967526	TP06 0.50	SOIL	NAD	none	Rebecca Burgess
1967527	TP07 0.50	SOIL	NAD	none	Rebecca Burgess
1967529	TP09 0.50	SOIL	NAD	none	Rebecca Burgess

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

Information in Support of the Analytical Results

Our Ref 22-02376
 Client Ref M1062
 Contract Townside Fields, Bury

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1967519	TP01 0.50 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967520	TP02 0.50 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967521	TP03 0.50 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967522	TP03 2.30 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967523	TP04A 0.20 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967524	TP05 0.50 SOIL	31/01/22	GJ 250ml, GJ 60ml, PT 1L	pH + Conductivity (7 days)	
1967525	TP06 0.20 SOIL	01/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967526	TP06 0.50 SOIL	01/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967527	TP07 0.50 SOIL	01/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967528	TP08 0.20 SOIL	01/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967529	TP09 0.50 SOIL	01/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967530	WS01 0.50 SOIL	02/02/22	GJ 250ml, GJ 60ml, PT 1L		
1967531	WS02 0.50 SOIL	02/02/22	GJ 250ml, GJ 60ml, PT 1L		

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

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

Soil Analysis Notes

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

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

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

Disposal

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

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

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 2002	Organic matter	%	0.1	Air Dried	No	Yes	Yes
DETSC 2003	Loss on ignition	%	0.01	Air Dried	No	Yes	Yes
DETSC 2008	pH	pH Units	1	Air Dried	No	Yes	Yes
DETSC 2024	Sulphide	mg/kg	10	Air Dried	No	Yes	Yes
DETSC 2076	Sulphate Aqueous Extract as SO ₄	mg/l	10	Air Dried	No	Yes	Yes
DETSC 2084	Total Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2084	Total Organic Carbon	%	0.5	Air Dried	No	Yes	Yes
DETSC 2119	Ammoniacal Nitrogen as N	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide free	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Cyanide total	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC 2130	Phenol - Monohydric	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC 2130	Thiocyanate	mg/kg	0.6	Air Dried	No	Yes	Yes
DETSC 2321	Total Sulphate as SO ₄	%	0.01	Air Dried	No	Yes	Yes
DETSC 2325	Mercury	mg/kg	0.05	Air Dried	No	Yes	Yes
DETSC 3049	Sulphur (free)	mg/kg	0.75	Air Dried	No	Yes	Yes
DETSC2123	Boron (water soluble)	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Arsenic	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Barium	mg/kg	1.5	Air Dried	No	Yes	Yes
DETSC2301	Beryllium	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Cadmium Available	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cadmium	mg/kg	0.1	Air Dried	No	Yes	Yes
DETSC2301	Cobalt	mg/kg	0.7	Air Dried	No	Yes	Yes
DETSC2301	Chromium	mg/kg	0.15	Air Dried	No	Yes	Yes
DETSC2301	Copper	mg/kg	0.2	Air Dried	No	Yes	Yes
DETSC2301	Manganese	mg/kg	20	Air Dried	No	Yes	Yes
DETSC2301	Molybdenum	mg/kg	0.4	Air Dried	No	Yes	Yes
DETSC2301	Nickel	mg/kg	1	Air Dried	No	Yes	Yes
DETSC2301	Lead	mg/kg	0.3	Air Dried	No	Yes	Yes
DETSC2301	Selenium	mg/kg	0.5	Air Dried	No	Yes	Yes
DETSC2301	Zinc	mg/kg	1	Air Dried	No	Yes	Yes
DETSC 3072	Ali/Aro C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	1.2	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	1.5	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aliphatic C21-C35	mg/kg	3.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	0.9	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C12	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C10-C35	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	0.5	As Received	No	Yes	Yes
DETSC 3072	Aromatic C12-C16	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	0.6	As Received	No	Yes	Yes
DETSC 3072	Aromatic C16-C21	mg/kg	10	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETSC 3072	Aromatic C21-C35	mg/kg	1.4	As Received	No	Yes	Yes
DETS 062	Benzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Ethylbenzene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Toluene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	m+p Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETS 062	o Xylene	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3311	C10-C24 Diesel Range Organics (DRO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	C24-C40 Lube Oil Range Organics (LORO)	mg/kg	10	As Received	No	Yes	Yes
DETSC 3311	EPH (C10-C40)	mg/kg	10	As Received	No	Yes	Yes

Appendix A - Details of Analysis

Method	Parameter	Units	Limit of Detection	Sample Preparation	Sub-Contracted	UKAS	MCERTS
DETSC 3303	Acenaphthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Acenaphthylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(a)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(b)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(k)fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Benzo(g,h,i)perylene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Dibenzo(a,h)anthracene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Fluoranthene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Indeno(1,2,3-c,d)pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Naphthalene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Phenanthrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3303	Pyrene	mg/kg	0.03	As Received	No	Yes	Yes
DETSC 3401	PCB 28 + PCB 31	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 52	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 101	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 118	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 153	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 138	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB 180	mg/kg	0.01	As Received	No	Yes	Yes
DETSC 3401	PCB Total	mg/kg	0.01	As Received	No	Yes	Yes

Method details are shown only for those determinands listed in Annex A of the MCERTS standard. Anything not included on this list falls outside the scope of MCERTS. No Recovery Factors are used in the determination of results. Results reported assume 100% recovery. Full method statements are available on request.

End of Report

APPENDIX F

Gas and Groundwater Monitoring Results





GAS MONITORING DATA SHEET

PROJECT NUMBER	M1062
CONTRACT NAME	Townside Fields, Bury

DATE & TIME					REGIONAL TREND			INSTRUMENT DETAILS		NOTES		
DAY	MONTH	YEAR	TIME (Start)	TIME (Finish)	Steady			NAME	GA 5000			
03	03	2022	10:20	11:30:00				SERIAL NUMBER	G502053			
AMBIENT READINGS								LAST CALIBRATION		VISIT NO		
O2 (% v/v)	20.9	CO2 (% v/v)	0.1	CH4 (% v/v)	ND	PID reading (ppm)	NR	NAME	20/12/2021	1	OF	3
ATMOSPHERIC PRESSURE (mbar)				START	1014	FINISH	1014	SERIAL NUMBER	100m Dip Tape	WEATHER CONDITIONS		GROUND CONDITIONS
AIR TEMPERATURE °C				START	8	FINISH	8	LAST CALIBRATION	EP29	Overcast, light rain		Moist

BH No.	Pipe Diameter	Flow Rate (l/hr)		Relative pressure mbar	CH ₄ (%v/v)		CO ₂ (%v/v)		O ₂ (%v/v)		PID (ppm)		H ₂ S (ppm)	CO (ppm)	SWL (m bgl)	Base of pipe (m bgl)	Remarks
		Peak	Steady		Peak	Steady	Peak	Steady	Peak	Steady	Peak	Low	Range	Range			
WS01	50mm	ND	ND	0.03	ND	ND	0.20	0.20	20.60	20.60	NR	NR	ND	1.00	0.56	1.38	
WS02	50mm	ND	ND	0.02	ND	ND	0.40	0.40	12.80	12.80	NR	NR	ND	ND	1.26	2.93	
WS03	50mm	ND	ND	0.07	ND	ND	4.40	4.40	12.50	12.50	NR	NR	ND	ND	1.32	1.93	
WS05	50mm	0.10	0.10	0.48	ND	ND	4.70	4.70	14.60	14.60	NR	NR	ND	1.00	1.20	2.05	
WS06	50mm	ND	ND	0.05	ND	ND	0.90	0.90	18.80	18.80	NR	NR	ND	ND	1.39	2.08	

MONITORING ORDER IS FROM LEFT TO RIGHT ACROSS THE TABLE																	
REGIONAL TREND IS THAT SHOWN AT THE NEAREST MET OFFICE LOCATION AT THE TIME OF MONITORING.																	

KEY:	
ND	None Detected
NR	Not Recorded
SWL	Standing Water Level



GAS MONITORING DATA SHEET

PROJECT NUMBER	M1062
CONTRACT NAME	Townside Fields, Bury

DATE & TIME					REGIONAL TREND			INSTRUMENT DETAILS		NOTES			
DAY	MONTH	YEAR	TIME (Start)	TIME (Finish)	Rising			NAME	GA 5000				
17	03	2022	11:30	12:30:00				SERIAL NUMBER	G502053				
AMBIENT READINGS								LAST CALIBRATION	20/12/2021	VISIT NO			
O2 (% v/v)	20.9		CO2 (% v/v)	0.1	CH4 (% v/v)	ND	PID reading (ppm)	NR	NAME	100m Dip Tape	2	OF	3
ATMOSPHERIC PRESSURE (mbar)					START	1028	FINISH	1028	SERIAL NUMBER	EP29	WEATHER CONDITIONS		GROUND CONDITIONS
AIR TEMPERATURE °C					START	11	FINISH	11	LAST CALIBRATION		Overcast		Moist

BH No.	Pipe Diameter	Flow Rate (l/hr)		Relative pressure mbar	CH ₄ (%v/v)		CO ₂ (%v/v)		O ₂ (%v/v)		PID (ppm)		H ₂ S (ppm)	CO (ppm)	SWL (m bgl)	Base of pipe (m bgl)	Remarks
		Peak	Steady		Peak	Steady	Peak	Steady	Peak	Steady	Peak	Low	Range	Range			
WS01	50mm	ND	ND	0.03	ND	ND	0.50	0.50	20.00	20.00	NR	NR	ND	ND	1.11	1.38	
WS02	50mm	ND	ND	0.02	ND	ND	0.20	0.20	19.70	19.40	NR	NR	ND	ND	1.54	2.94	
WS03	50mm	ND	ND	0.09	ND	ND	3.20	3.20	15.00	15.00	NR	NR	ND	ND	1.44	1.93	
WS05	50mm	ND	ND	0.00	ND	ND	4.60	4.60	4.70	4.70	NR	NR	ND	ND	1.49	2.06	
WS06	50mm	ND	ND	0.07	ND	ND	1.20	1.20	18.10	18.10	NR	NR	ND	ND	1.60	2.08	

MONITORING ORDER IS FROM LEFT TO RIGHT ACROSS THE TABLE																	
REGIONAL TREND IS THAT SHOWN AT THE NEAREST MET OFFICE LOCATION AT THE TIME OF MONITORING.																	

KEY:	
ND	None Detected
NR	Not Recorded
SWL	Standing Water Level



GAS MONITORING DATA SHEET

PROJECT NUMBER	M1062
CONTRACT NAME	Townside Fields, Bury

DATE & TIME					REGIONAL TREND			INSTRUMENT DETAILS		NOTES		
DAY	MONTH	YEAR	TIME (Start)	TIME (Finish)	Rising			NAME	Geotech GA5000			
31	03	2022	07:30	08:10:00				SERIAL NUMBER	G505314			
AMBIENT READINGS								LAST CALIBRATION	21/01/2022	VISIT NO		
O ₂ (% v/v)	20.9	CO ₂ (% v/v)	0	CH ₄ (% v/v)	0	PID reading (ppm)	N/A	NAME		3	OF	6
ATMOSPHERIC PRESSURE (mbar)				START	1004	FINISH	1005	SERIAL NUMBER		WEATHER CONDITIONS		GROUND CONDITIONS
AIR TEMPERATURE °C				START	2	FINISH	3	LAST CALIBRATION		Frosty, sunny spells, dry		Part frozen

BH No.	Pipe Diameter	Flow Rate (l/hr)		Relative pressure mbar	CH ₄ (%v/v)		CO ₂ (%v/v)		O ₂ (%v/v)		PID (ppm)		H ₂ S (ppm)	CO (ppm)	SWL (m bgl)	Base of pipe (m bgl)	Remarks
		Peak	Steady		Peak	Steady	Peak	Steady	Peak	Steady	Peak	Low	Range	Range			
WS01	50mm	ND	ND	0.29	ND	ND	0.30	0.30	21.00	21.00	NR	NR	ND	ND	Dry	1.38	
WS02	50mm	ND	ND	0.21	ND	ND	0.50	0.40	19.70	19.80	NR	NR	ND	ND	1.83	2.93	
WS03	50mm	ND	ND	0.21	ND	ND	2.30	2.30	17.80	17.80	NR	NR	ND	ND	1.56	1.92	
WS05	50mm	ND	ND	0.05	ND	ND	6.40	6.40	2.80	2.80	NR	NR	ND	ND	1.59	2.04	
WS06	50mm	ND	ND	0.10	ND	ND	1.60	1.60	19.10	19.10	NR	NR	ND	ND	1.67	2.07	

MONITORING ORDER IS FROM LEFT TO RIGHT ACROSS THE TABLE																	
REGIONAL TREND IS THAT SHOWN AT THE NEAREST MET OFFICE LOCATION AT THE TIME OF MONITORING.																	

KEY:	
ND	None Detected
NR	Not Recorded
SWL	Standing Water Level

APPENDIX G

Dunelm Standard Conditions & Notes On Limitations



Dunelm Conditions of Offer and Notes on Limitations of Investigation

Site investigation is a process of sampling. The scope and size of an investigation may be considered proportional to levels of confidence regarding the ground and groundwater conditions. The exploratory holes undertaken investigate only a small volume of the ground in relation to the overall size of the site, and can only provide a general indication of site conditions. The opinions provided and recommendations given in this report are based on the ground conditions as encountered within each of the exploratory holes. There may be different ground conditions elsewhere on the site which have not been identified by this investigation and which therefore have not been taken into account in this report. Reports are generally subject to the comments of the local authority and Environment Agency. The comments made on groundwater conditions are based on observations made at the time that site work was carried out. It should be noted that mobile contamination, soil gas levels and groundwater levels may vary owing to seasonal, tidal and/or weather related effects. Unrecorded ancient mining may occur anywhere where seams that have been worked and influence the rock and soil above. Dissolution cavities can occur where gypsum or chalk is present. Rotary drilling is the recommended technique to prove the integrity of the rock.

Where the scope of the investigation is limited via access to information, time constraints, equipment limitations, testing, interpretation or by the client or his agents budgetary constraints, elements not set out in the proposal and excluded from the report are deemed to be omitted from the scope of the investigation.

The firm cannot be held liable and do not warrant, or otherwise guarantee the validity of information provided by third parties and subsequently used in our reports. The firm are not responsible for the action negligent or otherwise of subcontractors or third parties.

Desk studies are generally prepared in accordance with RICS guidelines. Environmental site investigations are generally undertaken as 'exploratory investigations' in accordance with the definitions provided in paragraph 5.2.7 of *BS 10175:2011 +A2:2017* in order to confirm the conceptual assumptions, and in accordance with *BS5930:2015*. You are advised to familiarize yourself with the typical scope of such an investigation. No pumping of water will be undertaken unless a licence or facilities/equipment have been arranged by others.

Where the type, number or/and depth of exploratory hole is specified by others, the firm cannot and will not be responsible for any subsequent shortfall or inadequacy in data, and any consequent shortfall in interpretation of environmental and geotechnical aspects which may be required at a later date in order to facilitate the design of permanent or temporary works.

Appendix D: Hazwaste Online Output Sheets

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)



T6UWN-WWG91-UPXBC

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

Job name

13819 Townside Fields

Description/Comments

Project

13819 Townside Fields

Site

Townside Fields

Classified by

Name: **Michael Baber**
Date: **12 Jul 2022 09:44 GMT**
Telephone:

Company: **Campbell Reith Consulting Engineers**

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

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP01 (0.5)		Non Hazardous		2
2	TP02 (0.5)		Non Hazardous		4
3	TP03 (0.5)		Non Hazardous		6
4	TP03 (2.3)		Non Hazardous		8
5	TP04A (0.2)		Non Hazardous		10
6	TP05 (0.5)		Non Hazardous		12
7	TP06 (0.2)		Non Hazardous		14
8	TP06 (0.5)		Non Hazardous		16
9	TP07 (0.5)		Non Hazardous		18
10	TP08 (0.2)		Non Hazardous		20
11	TP09 (0.5)		Non Hazardous		22
12	WS01 (0.5)		Non Hazardous		24
13	WS02 (0.5)		Non Hazardous		26

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Michael Baber

Created date: 12 Jul 2022 09:44 GMT

Appendices

	Page
Appendix A: Classifier defined and non GB MCL determinands	28
Appendix B: Rationale for selection of metal species	29
Appendix C: Version	30

Classification of sample: TP01 (0.5)

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

Sample details

Sample name:	LoW Code:
TP01 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Dry Weight 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	arsenic { arsenic trioxide }				23	mg/kg	1.32	26.638	mg/kg	0.00266 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.704	mg/kg	0.00017 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.5	mg/kg	3.22	1.412	mg/kg	0.000141 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.301	mg/kg	0.0000301 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				490	mg/kg	1.126	483.934	mg/kg	0.0484 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	110	mg/kg	1.56	150.508	mg/kg	0.00965 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.29	mg/kg	1.353	0.344	mg/kg	0.0000344 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				68	mg/kg	2.976	177.532	mg/kg	0.0178 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				150	mg/kg	2.774	365.019	mg/kg	0.0365 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				0.6	mg/kg	1.884	0.992	mg/kg	0.0000992 %	✓	
	006-007-00-5											
13	pH				7.2	pH		7.2	pH	7.2 pH		
			pH									
14	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.14 mg/kg		0.123 mg/kg	0.0000123 %	✓	
19	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	fluoranthene	205-912-4	206-44-0		0.21 mg/kg		0.184 mg/kg	0.0000184 %	✓	
21	pyrene	204-927-3	129-00-0		0.19 mg/kg		0.167 mg/kg	0.0000167 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.06 mg/kg		0.0526 mg/kg	0.00000526 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.08 mg/kg		0.0702 mg/kg	0.00000702 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.05 mg/kg		0.0439 mg/kg	0.00000439 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.03 mg/kg		0.0263 mg/kg	0.00000263 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.116 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP02 (0.5)

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

Sample details

Sample name:	LoW Code:
TP02 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% Dry Weight 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	arsenic { arsenic trioxide }				11	mg/kg	1.32	12.629	mg/kg	0.00126 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.6	mg/kg	2.775	1.448	mg/kg	0.000145 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.3	mg/kg	3.22	0.84	mg/kg	0.000084 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.298	mg/kg	0.0000298 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				54	mg/kg	1.126	52.868	mg/kg	0.00529 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	45	mg/kg	1.56	61.036	mg/kg	0.00391 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.05	mg/kg	1.353	0.0588	mg/kg	0.00000588 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				19	mg/kg	2.976	49.173	mg/kg	0.00492 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				73	mg/kg	2.774	176.098	mg/kg	0.0176 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	confirm TPH has NOT arisen from diesel or petrol				☑							
13	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 }				0.2	mg/kg	1.884	0.328	mg/kg	0.0000328 %	✓	
	006-007-00-5											
14	pH				7.5	pH		7.5	pH	7.5 pH		
15	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	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							
17	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
31	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0337 %		

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP03 (0.5)



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

Sample details

Sample name:	LoW Code:
TP03 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight 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	arsenic { arsenic trioxide }				12	mg/kg	1.32	13.427	mg/kg	0.00134 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.6	mg/kg	2.775	1.411	mg/kg	0.000141 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.4	mg/kg	3.22	1.091	mg/kg	0.000109 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.29	mg/kg	0.000029 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				390	mg/kg	1.126	372.116	mg/kg	0.0372 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	67	mg/kg	1.56	88.566	mg/kg	0.00568 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.07	mg/kg	1.353	0.0803	mg/kg	0.00000803 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				20	mg/kg	2.976	50.445	mg/kg	0.00504 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				91	mg/kg	2.774	213.938	mg/kg	0.0214 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				0.2	mg/kg	1.884	0.319	mg/kg	0.0000319 %	✓	
	006-007-00-5											
13	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
14	naphthalene				0.16	mg/kg		0.136	mg/kg	0.0000136 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				0.57	mg/kg		0.483	mg/kg	0.0000483 %	✓	
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		0.26 mg/kg		0.22 mg/kg	0.000022 %	✓	
18	phenanthrene	201-581-5	85-01-8		0.78 mg/kg		0.661 mg/kg	0.0000661 %	✓	
19	anthracene	204-371-1	120-12-7		0.16 mg/kg		0.136 mg/kg	0.0000136 %	✓	
20	fluoranthene	205-912-4	206-44-0		1.2 mg/kg		1.017 mg/kg	0.000102 %	✓	
21	pyrene	204-927-3	129-00-0		0.97 mg/kg		0.822 mg/kg	0.0000822 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.21 mg/kg		0.178 mg/kg	0.0000178 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.3 mg/kg		0.254 mg/kg	0.0000254 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.21 mg/kg		0.178 mg/kg	0.0000178 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.09 mg/kg		0.0763 mg/kg	0.00000763 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.13 mg/kg		0.11 mg/kg	0.000011 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.06 mg/kg		0.0508 mg/kg	0.00000508 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.06 mg/kg		0.0508 mg/kg	0.00000508 %	✓	
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0718 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP03 (2.3)

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

Sample details

Sample name:	LoW Code:
TP03 (2.3)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight 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	arsenic { arsenic trioxide }				12	mg/kg	1.32	13.542	mg/kg	0.00135 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.084	mg/kg	0.000308 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.2	mg/kg	3.22	0.55	mg/kg	0.000055 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.293	mg/kg	0.0000293 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				70	mg/kg	1.126	67.361	mg/kg	0.00674 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	35	mg/kg	1.56	46.661	mg/kg	0.00299 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				34	mg/kg	2.976	86.49	mg/kg	0.00865 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				110	mg/kg	2.774	260.817	mg/kg	0.0261 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	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 }				0.2	mg/kg	1.884	0.322	mg/kg	0.0000322 %	✓	
	006-007-00-5											
14	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
15	naphthalene				0.47	mg/kg		0.402	mg/kg	0.0000402 %	✓	
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	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							
17	• acenaphthene	201-469-6	83-32-9		2 mg/kg		1.709 mg/kg	0.000171 %	✓	
18	• fluorene	201-695-5	86-73-7		1.6 mg/kg		1.368 mg/kg	0.000137 %	✓	
19	• phenanthrene	201-581-5	85-01-8		4.1 mg/kg		3.504 mg/kg	0.00035 %	✓	
20	• anthracene	204-371-1	120-12-7		0.57 mg/kg		0.487 mg/kg	0.0000487 %	✓	
21	• fluoranthene	205-912-4	206-44-0		2.1 mg/kg		1.795 mg/kg	0.000179 %	✓	
22	• pyrene	204-927-3	129-00-0		1.4 mg/kg		1.197 mg/kg	0.00012 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.23 mg/kg		0.197 mg/kg	0.0000197 %	✓	
24	chrysene	601-048-00-0	205-923-4		0.29 mg/kg		0.248 mg/kg	0.0000248 %	✓	
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.14 mg/kg		0.12 mg/kg	0.000012 %	✓	
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.07 mg/kg		0.0598 mg/kg	0.00000598 %	✓	
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.08 mg/kg		0.0684 mg/kg	0.00000684 %	✓	
28	• indeno[123-cd]pyrene	205-893-2	193-39-5		0.04 mg/kg		0.0342 mg/kg	0.00000342 %	✓	
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	• benzo[ghi]perylene	205-883-8	191-24-2		0.03 mg/kg		0.0256 mg/kg	0.00000256 %	✓	
31	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0488 %		

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP04A (0.2)

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

Sample details

Sample name:	LoW Code:
TP04A (0.2)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight 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	arsenic { arsenic trioxide }				1.5	mg/kg	1.32	1.784	mg/kg	0.000178 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				<0.2	mg/kg	2.775	<0.555	mg/kg	<0.0000555 %		<LOD
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.1	mg/kg	1.142	0.103	mg/kg	0.0000103 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				8.5	mg/kg	1.126	8.622	mg/kg	0.000862 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	9.9	mg/kg	1.56	13.912	mg/kg	0.000892 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				3.8	mg/kg	2.976	10.189	mg/kg	0.00102 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				33	mg/kg	2.774	82.475	mg/kg	0.00825 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
13	pH				8	pH		8	pH	8pH		
			PH									
14	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.04 mg/kg		0.036 mg/kg	0.0000036 %	✓	
19	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	fluoranthene	205-912-4	206-44-0		0.05 mg/kg		0.045 mg/kg	0.0000045 %	✓	
21	pyrene	204-927-3	129-00-0		0.04 mg/kg		0.036 mg/kg	0.0000036 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0118 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP05 (0.5)

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

Sample details

Sample name:	LoW Code:
TP05 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight 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	arsenic { arsenic trioxide }				8.4	mg/kg	1.32	9.479	mg/kg	0.000948 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.66	mg/kg	0.000166 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.2	mg/kg	1.142	0.195	mg/kg	0.0000195 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				27	mg/kg	1.126	25.982	mg/kg	0.0026 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	13	mg/kg	1.56	17.331	mg/kg	0.00111 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				30	mg/kg	2.976	76.314	mg/kg	0.00763 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				63	mg/kg	2.774	149.377	mg/kg	0.0149 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
13	pH				8.2	pH		8.2	pH	8.2 pH		
			pH									
14	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.04 mg/kg		0.0342 mg/kg	0.00000342 %	✓	
19	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.028 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP06 (0.2)



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

Sample details

Sample name:	LoW Code:
TP06 (0.2)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight 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	arsenic { arsenic trioxide }				16	mg/kg	1.32	17.903	mg/kg	0.00179 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.646	mg/kg	0.000165 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.5	mg/kg	3.22	1.364	mg/kg	0.000136 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.4	mg/kg	1.142	0.387	mg/kg	0.0000387 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				45	mg/kg	1.126	42.936	mg/kg	0.00429 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	65	mg/kg	1.56	85.922	mg/kg	0.00551 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.06	mg/kg	1.353	0.0688	mg/kg	0.00000688 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				20	mg/kg	2.976	50.445	mg/kg	0.00504 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				95	mg/kg	2.774	223.342	mg/kg	0.0223 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				0.5	mg/kg	1.884	0.798	mg/kg	0.0000798 %	✓	
	006-007-00-5											
13	pH				7.5	pH		7.5	pH	7.5 pH		
			PH									
14	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				0.08	mg/kg		0.0678	mg/kg	0.00000678 %	✓	
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		0.04 mg/kg		0.0339 mg/kg	0.0000339 %	✓	
18	phenanthrene	201-581-5	85-01-8		0.49 mg/kg		0.415 mg/kg	0.0000415 %	✓	
19	anthracene	204-371-1	120-12-7		0.09 mg/kg		0.0763 mg/kg	0.0000763 %	✓	
20	fluoranthene	205-912-4	206-44-0		0.92 mg/kg		0.78 mg/kg	0.000078 %	✓	
21	pyrene	204-927-3	129-00-0		0.84 mg/kg		0.712 mg/kg	0.0000712 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.28 mg/kg		0.237 mg/kg	0.0000237 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.36 mg/kg		0.305 mg/kg	0.0000305 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.3 mg/kg		0.254 mg/kg	0.0000254 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.1 mg/kg		0.0847 mg/kg	0.00000847 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.2 mg/kg		0.169 mg/kg	0.0000169 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.08 mg/kg		0.0678 mg/kg	0.00000678 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.09 mg/kg		0.0763 mg/kg	0.00000763 %	✓	
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0401 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP06 (0.5)

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

Sample details

Sample name:	LoW Code:
TP06 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Dry Weight 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	arsenic { arsenic trioxide }				10	mg/kg	1.32	11.684	mg/kg	0.00117 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.6	mg/kg	2.775	1.474	mg/kg	0.000147 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.2	mg/kg	3.22	0.57	mg/kg	0.000057 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.4	mg/kg	1.142	0.404	mg/kg	0.0000404 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				45	mg/kg	1.126	44.836	mg/kg	0.00448 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	55	mg/kg	1.56	75.92	mg/kg	0.00487 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				26	mg/kg	2.976	68.48	mg/kg	0.00685 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				400	mg/kg	2.774	981.999	mg/kg	0.0982 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	confirm TPH has NOT arisen from diesel or petrol				☑							
13	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
14	pH				7.4	pH		7.4	pH	7.4 pH		
15	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	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							
17	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	phenanthrene	201-581-5	85-01-8		0.15 mg/kg		0.133 mg/kg	0.0000133 %	✓	
20	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	fluoranthene	205-912-4	206-44-0		0.25 mg/kg		0.221 mg/kg	0.0000221 %	✓	
22	pyrene	204-927-3	129-00-0		0.24 mg/kg		0.212 mg/kg	0.0000212 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.08 mg/kg		0.0708 mg/kg	0.00000708 %	✓	
24	chrysene	601-048-00-0	205-923-4		0.12 mg/kg		0.106 mg/kg	0.0000106 %	✓	
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.09 mg/kg		0.0796 mg/kg	0.00000796 %	✓	
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.04 mg/kg		0.0354 mg/kg	0.00000354 %	✓	
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.05 mg/kg		0.0442 mg/kg	0.00000442 %	✓	
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		0.03 mg/kg		0.0265 mg/kg	0.00000265 %	✓	
31	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.116 %		

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP07 (0.5)

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

Sample details

Sample name:	LoW Code:
TP07 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% Dry Weight 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	arsenic { arsenic trioxide }				8.8	mg/kg	1.32	10.103	mg/kg	0.00101 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.5	mg/kg	2.775	1.207	mg/kg	0.000121 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.298	mg/kg	0.0000298 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				26	mg/kg	1.126	25.455	mg/kg	0.00255 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	77	mg/kg	1.56	104.44	mg/kg	0.0067 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				15	mg/kg	2.976	38.821	mg/kg	0.00388 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				64	mg/kg	2.774	154.387	mg/kg	0.0154 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
13	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
14	naphthalene				0.09	mg/kg		0.0783	mg/kg	0.00000783 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				0.35	mg/kg		0.304	mg/kg	0.0000304 %	✓	
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		0.19 mg/kg		0.165 mg/kg	0.0000165 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.8 mg/kg		1.565 mg/kg	0.000157 %	✓	
19	anthracene	204-371-1	120-12-7		0.48 mg/kg		0.417 mg/kg	0.0000417 %	✓	
20	fluoranthene	205-912-4	206-44-0		3 mg/kg		2.609 mg/kg	0.000261 %	✓	
21	pyrene	204-927-3	129-00-0		2.6 mg/kg		2.261 mg/kg	0.000226 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.98 mg/kg		0.852 mg/kg	0.0000852 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.89 mg/kg		0.774 mg/kg	0.0000774 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.82 mg/kg		0.713 mg/kg	0.0000713 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.32 mg/kg		0.278 mg/kg	0.0000278 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.62 mg/kg		0.539 mg/kg	0.0000539 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.22 mg/kg		0.191 mg/kg	0.0000191 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.22 mg/kg		0.191 mg/kg	0.0000191 %	✓	
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0313 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP08 (0.2)



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

Sample details

Sample name:	LoW Code:
TP08 (0.2)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% Dry Weight 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	arsenic { arsenic trioxide }				5.3	mg/kg	1.32	5.831	mg/kg	0.000583 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.5	mg/kg	2.775	1.156	mg/kg	0.000116 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.2	mg/kg	1.142	0.19	mg/kg	0.000019 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				20	mg/kg	1.126	18.765	mg/kg	0.00188 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	10	mg/kg	1.56	12.998	mg/kg	0.000833 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				15	mg/kg	2.976	37.203	mg/kg	0.00372 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				52	mg/kg	2.774	120.213	mg/kg	0.012 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
13	pH				7.3	pH		7.3	pH	7.3 pH		
			PH									
14	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0197 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TP09 (0.5)

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

Sample details

Sample name:	LoW Code:
TP09 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Dry Weight 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	arsenic { arsenic trioxide }				12	mg/kg	1.32	13.898	mg/kg	0.00139 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1	mg/kg	2.775	2.435	mg/kg	0.000243 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.4	mg/kg	1.142	0.401	mg/kg	0.0000401 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				410	mg/kg	1.126	404.925	mg/kg	0.0405 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	59	mg/kg	1.56	80.727	mg/kg	0.00518 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				29	mg/kg	2.976	75.712	mg/kg	0.00757 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				100	mg/kg	2.774	243.346	mg/kg	0.0243 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	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 }				0.1	mg/kg	1.884	0.165	mg/kg	0.0000165 %	✓	
	006-007-00-5											
14	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
15	naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	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							
17	acenaphthene	201-469-6	83-32-9		0.05 mg/kg		0.0439 mg/kg	0.00000439 %	✓	
18	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	phenanthrene	201-581-5	85-01-8		0.27 mg/kg		0.237 mg/kg	0.0000237 %	✓	
20	anthracene	204-371-1	120-12-7		0.05 mg/kg		0.0439 mg/kg	0.00000439 %	✓	
21	fluoranthene	205-912-4	206-44-0		0.54 mg/kg		0.474 mg/kg	0.0000474 %	✓	
22	pyrene	204-927-3	129-00-0		0.54 mg/kg		0.474 mg/kg	0.0000474 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.18 mg/kg		0.158 mg/kg	0.0000158 %	✓	
24	chrysene	601-048-00-0	205-923-4		0.24 mg/kg		0.211 mg/kg	0.0000211 %	✓	
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.18 mg/kg		0.158 mg/kg	0.0000158 %	✓	
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.09 mg/kg		0.0789 mg/kg	0.00000789 %	✓	
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.13 mg/kg		0.114 mg/kg	0.0000114 %	✓	
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.06 mg/kg		0.0526 mg/kg	0.00000526 %	✓	
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		0.07 mg/kg		0.0614 mg/kg	0.00000614 %	✓	
31	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.081 %		

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS01 (0.5)

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

Sample details

Sample name:	LoW Code:
WS01 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.5% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.5% Dry Weight 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		arsenic { arsenic trioxide }				3	mg/kg	1.32	3.719	mg/kg	0.000372 %	✓	
	033-003-00-0	215-481-4	1327-53-3										
2		beryllium { beryllium oxide }				0.4	mg/kg	2.775	1.042	mg/kg	0.000104 %	✓	
	004-003-00-8	215-133-1	1304-56-9										
3		boron { diboron trioxide; boric oxide }				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
	005-008-00-8	215-125-8	1303-86-2										
4		cadmium { cadmium oxide }				<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0										
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8												
6		copper { dicopper oxide; copper (I) oxide }				14	mg/kg	1.126	14.8	mg/kg	0.00148 %	✓	
	029-002-00-X	215-270-7	1317-39-1										
7		lead { lead chromate }			1	9.4	mg/kg	1.56	13.767	mg/kg	0.000883 %	✓	
	082-004-00-2	231-846-0	7758-97-6										
8		mercury { mercury dichloride }				0.05	mg/kg	1.353	0.0635	mg/kg	0.00000635 %	✓	
	080-010-00-X	231-299-8	7487-94-7										
9		nickel { nickel chromate }				22	mg/kg	2.976	61.482	mg/kg	0.00615 %	✓	
	028-035-00-7	238-766-5	14721-18-7										
10		selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5										
11		zinc { zinc chromate }				46	mg/kg	2.774	119.822	mg/kg	0.012 %	✓	
	024-007-00-3	236-878-9	13530-65-9										
12		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5												
13		pH				9.2	pH		9.2	pH	9.2 pH		
			PH										
14		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-052-00-2	202-049-5	91-20-3										
15		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8										
16		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-469-6	83-32-9										

#	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							
17	fluorene	201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0215 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS02 (0.5)

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

Sample details

Sample name:	LoW Code:
WS02 (0.5)	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight 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	arsenic { arsenic trioxide }				7.2	mg/kg	1.32	8.564	mg/kg	0.000856 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.75	mg/kg	0.000175 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				0.3	mg/kg	3.22	0.87	mg/kg	0.000087 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.2	mg/kg	1.142	0.206	mg/kg	0.0000206 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				40	mg/kg	1.126	40.573	mg/kg	0.00406 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	29	mg/kg	1.56	40.752	mg/kg	0.00261 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				19	mg/kg	2.976	50.945	mg/kg	0.00509 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				46	mg/kg	2.774	114.965	mg/kg	0.0115 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
	006-007-00-5											
13	pH				8	pH		8	pH	8pH		
			PH									
14	naphthalene				0.97	mg/kg		0.874	mg/kg	0.0000874 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				0.04	mg/kg		0.036	mg/kg	0.0000036 %	✓	
		205-917-1	208-96-8									
16	acenaphthene				1.2	mg/kg		1.081	mg/kg	0.000108 %	✓	
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		0.89 mg/kg		0.802 mg/kg	0.0000802 %	✓	
18	phenanthrene	201-581-5	85-01-8		4.4 mg/kg		3.964 mg/kg	0.000396 %	✓	
19	anthracene	204-371-1	120-12-7		1.4 mg/kg		1.261 mg/kg	0.000126 %	✓	
20	fluoranthene	205-912-4	206-44-0		4.1 mg/kg		3.694 mg/kg	0.000369 %	✓	
21	pyrene	204-927-3	129-00-0		3.4 mg/kg		3.063 mg/kg	0.000306 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		1.4 mg/kg		1.261 mg/kg	0.000126 %	✓	
23	chrysene	601-048-00-0	205-923-4		1.3 mg/kg		1.171 mg/kg	0.000117 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.1 mg/kg		0.991 mg/kg	0.0000991 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.45 mg/kg		0.405 mg/kg	0.0000405 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.84 mg/kg		0.757 mg/kg	0.0000757 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.29 mg/kg		0.261 mg/kg	0.0000261 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.29 mg/kg		0.261 mg/kg	0.0000261 %	✓	
30	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0268 %		

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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

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

pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

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

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

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

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

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

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

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

▪ **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

▪ **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.

▪ **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics (edit as required)

boron {diboron trioxide; boric oxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**
HazWasteOnline Classification Engine Version: 2022.192.5237.9831 (11 Jul 2022)
HazWasteOnline Database: 2022.192.5237.9831 (11 Jul 2022)

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

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