



LK CONSULT LTD

GAS MONITORING RECORD

SITE	Smithy Bridge Road, Littleborough
REF	LKC 18 1005
DATE	24-Apr-2018
STAFF	HM
VISIT	4 of 6

EQUIPMENT*1		
Instrument / Model Type	Serial Number	Comments
Geotechnical Instruments GA5000	G502417	Serviced, calibrated & gas checked.
Solinst Interface Meter	122008632	Operating Normally

ATMOSPHERIC / GROUND CONDITIONS	
Atmospheric Pressure Trend on Site	Variable
Atmospheric Pressure (Prev 24hrs)	Variable
Weather Conditions	Rain, cool, windy
Ground Conditions	Wet

Borehole ID	Date/Time	CH4 (% v/v)	CO2 (% v/v)	O2 (% v/v)	Peak CH4 (% v/v)	Peak CO2 (% v/v)	% of Lower Explosive Limit*2	CO Pod (ppm)	H2S Pod (ppm)	Balance (%)	Barometric Pressure (mb)	Internal Flow *3 (ltr/hr)	Standing Water Level (mbgl)	Installation Base Dip (mbgl)	Notes
WS101	24/04/2018 11:30	0.0	11.6	9.8	0.0	4.2	0.0	0.0	0.0	80.1	992	0.2	1.41	1.70	
WS103	24/04/2018 11:41	0.0	1.1	20.6	0.0	1.2	0.0	0.0	0.0	78.3	995	0.1	1.34	1.85	
WS104	24/04/2018 11:54	0.0	0.7	21.4	0.0	0.7	0.0	13.0	0.0	77.9	996	-1.4	0.86	2.76	
WS107	24/04/2018 11:19	0.0	1.1	20.5	0.0	1.1	0.0	4.0	0.0	78.4	992	0.4	0.98	2.15	
WS109	24/04/2018 12:17	0.0	0.1	21.9	0.0	0.1	0.0	0.0	0.0	78.0	995	0.0	1.53	3.97	
WS111	24/04/2018 13:05	0.0	4.7	14.6	0.0	4.7	0.0	0.0	0.0	80.7	993	0.3	1.12	3.38	
WS112	25/04/2018 09:38	0.0	2.5	20.5	0.0	2.5	0.0	3.0	0.0	77.4	994	0.1	1.82	3.03	
WS115	24/04/2018 12:06	0.0	0.2	21.7	0.0	1.4	0.0	4.0	0.0	78.1	996	0.2	0.95	1.12	
WS120	24/04/2018 11:10	0.0	2.2	18.9	0.0	2.2	0.0	0.0	0.0	78.9	991	0.0	-	2.70	Borehole dry
WS123	24/04/2018 12:39	0.0	6.9	10.1	0.0	6.9	0.0	3.0	0.0	83.0	991	0.0	2.50	3.79	
WS124	24/04/2018 13:05	0.0	2.3	18.3	0.0	2.3	0.0	2.0	4.7	79.4	994	0.0	-	2.98	Borehole dry
WS119															Borehole not located

ABBREVIATIONS

*1	Refer to Note 1
ND	Not detected
NR	Not recorded
UR	Unable to record
OS	Off recordable scale
N/A	Not applicable
% v/v	Percentage volume by total volume

ppm	Parts per million
mb	Millibars
ltr/hr	Litres per hour
mbgl	Metres below ground level
LEL	Lower explosive limit in air
OEL	Occupational exposure limit

NOTES

1. Equipment is serviced and checked as recommended by the manufacturer. Refer to calibration records. and service certificates.
2. CH4 is explosive between the range of 5 - 15% v/v. 100% lower explosive limit is equal to 5% v/v CH4.
3. Flow readings are based on a 1 minute average value where flow is detected (equipment range of +/- 12 ltr/hr)
4. After CIRIA C665. GSV = gas concentration (%) x flow rate. Peak CH4 and Steady CO2 values used.
5. Monitoring is carried out in line with procedures set by LKC Ltd with reference to CIRIA C665. Refer to procedural documents



LK CONSULT LTD

GAS MONITORING RECORD

SITE	Smithybridge, Littleborough
REF	LKC 18 1005
DATE	9-May-2018
STAFF	PW
VISIT	5 of 6

EQUIPMENT*1		
Instrument / Model Type	Serial Number	Comments
Geotechnical Instruments GA2000+	GA10350	Serviced, calibrated & gas checked.
Solinst Interface Meter	122008632	Operating Normally

ATMOSPHERIC / GROUND CONDITIONS	
Atmospheric Pressure Trend on Site	Falling
Atmospheric Pressure (Prev 24hrs)	Variable
Weather Conditions	Overcast with sunny spells
Ground Conditions	Wet

Borehole ID	Date/Time	CH4 (% v/v)	CO2 (% v/v)	O2 (% v/v)	Peak CH4 (% v/v)	Peak CO2 (% v/v)	% of Lower Explosive Limit*2	CO Pod (ppm)	H2S Pod (ppm)	Balance (%)	Barometric Pressure (mb)	Relative Pressure (mb)	Internal Flow *3 (ltr/hr)	Standing Water Level (mbgl)	Installation Base Dip (mbgl)	Notes
WS101	09/05/2018 08:17	0.0	7.2	9.8	0.0	0.0	0.0	0.0	0.0	83	993.0	-0.7	0.0	1.44	1.71	
WS103	09/05/2018 08:32	0.0	1.8	18.5	0.0	0.0	0.0	0.0	0.0	79.7	993.0	-0.7	0.0	1.06	1.78	
WS104	09/05/2018 08:45	0.0	0.7	20.3	0.0	0.0	0.0	9.0	0.0	79	993.0	-0.7	-3.7			Borehole damaged. Unable to remove bung.
WS107	09/05/2018 09:48	0.0	5.6	15.5	0.0	0.0	0.0	0.0	0.0	78.9	990.0	-0.5	-0.2	0.95	2.10	
WS109	09/05/2018 10:05	0.0	2.0	19.3	0.0	0.0	0.0	0.0	0.0	78.7	990.0	-0.4	0.0	1.46	3.95	
WS111	09/05/2018 11:00	0.0	6.4	10.6	0.0	0.0	0.0	0.0	0.0	83	990.0	-0.4	0.0	1.35	3.36	
WS112	09/05/2018 11:21	0.0	2.0	19.5	0.0	0.0	0.0	0.0	0.0	78.5	990.0	-0.4	0.0	1.80	3.03	
WS115	09/05/2018 09:02	0.0	0.3	20.4	0.0	0.0	0.0	0.0	0.0	79.3	993.0	-0.6	0.0	1.03	2.04	
WS119																Borehole destroyed
WS120	09/05/2018 09:34	0.0	2.4	19.2	0.0	0.0	0.0	0.0	0.0	78.4	990.0	-0.5	0.0	2.70	2.70	
WS123	09/05/2018 10:29	0.0	7.9	7.9	0.0	0.0	0.0	0.0	0.0	84.2	990.0	-0.4	0.0	2.46	3.78	
WS124	09/05/2018 10:46	0.0	4.2	13.8	0.0	0.0	0.0	0.0	0.0	82	990.0	-0.4	0.0	DRY	4.98	

ABBREVIATIONS

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ND	Not detected
NR	Not recorded
UR	Unable to record
OS	Off recordable scale
N/A	Not applicable
% v/v	Percentage volume by total volume

ppm	Parts per million
mb	Millibars
ltr/hr	Litres per hour
mbgl	Metres below ground level
LEL	Lower explosive limit in air
OEL	Occupational exposure limit

NOTES

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- Flow readings are based on a 1 minute average value where flow is detected (equipment range of +/- 12 ltr/hr)
- After CIRIA C665. GSV = gas concentration (%) x flow rate. Peak CH4 and Steady CO2 values used.
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LK CONSULT LTD

GAS MONITORING RECORD

SITE	Smithy Bridge Road, Littleborough
REF	LKC 18 1005
DATE	24-May-2018
STAFF	HM
VISIT	6 of 6

EQUIPMENT*1		
Instrument / Model Type	Serial Number	Comments
Geotechnical Instruments GA5000	G502417	Serviced, calibrated & gas checked.
Geotech dipmeter	79864	Operating Normally

ATMOSPHERIC / GROUND CONDITIONS	
Atmospheric Pressure Trend on Site	Rising
Atmospheric Pressure (Prev 24hrs)	Variable
Weather Conditions	Sunny, warm, windy
Ground Conditions	Dry

Borehole ID	Date/Time	CH4 (% v/v)	CO2 (% v/v)	O2 (% v/v)	Peak CH4 (% v/v)	Peak CO2 (% v/v)	% of Lower Explosive Limit*2	CO Pod (ppm)	H2S Pod (ppm)	Balance (%)	Barometric Pressure (mb)	Internal Flow *3 (ltr/hr)	Standing Water Level (mbgl)	Installation Base Dip (mbgl)	Notes
WS101	24/05/2018 11:14	0.0	6.2	17.5	0.0	6.2	0.0	3.0	0.0	76.3	1005	0.0	1.51	1.73	Peak CO on opening of valve
WS103	24/05/2018 11:25	0.0	0.7	20.5	0.0	0.7	0.0	0.0	0.0	78.8	1009	-0.1	1.08	1.80	
WS104	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	N/A	N/A	Borehole damaged, unable to monitor
WS107	24/05/2018 11:00	0.0	3.5	19.6	0.0	3.6	0.0	0.0	1.0	76.9	1003	0.0	1.27	2.12	
WS109	24/05/2018 11:39	0.0	1.8	19.6	0.0	1.9	0.0	0.0	0.0	78.6	1009	-0.1	1.78	3.99	
WS111	24/05/2018 12:09	0.0	6.2	18.4	0.0	6.6	0.0	7.0	0.0	75.4	1009	0.2	1.21	3.36	
WS112	24/05/2018 12:36	0.0	2.2	20.3	0.0	2.2	0.0	1.0	0.0	77.5	1009	0.0	1.73	3.02	
WS115	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	N/A	N/A	Cattle damage, unable to monitor
WS119	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	N/A	N/A	Borehole destroyed
WS120	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	N/A	N/A	Unable to locate
WS123	24/05/2018 11:50	0.0	6.8	14.1	0.0	6.8	0.0	6.0	0.0	79.1	1008	0.0	2.70	3.76	Peak CO on opening of valve
WS124	24/05/2018 12:24	0.0	5.9	12.7	0.0	5.9	0.0	1.0	0.0	81.4	1009	0.1	Dry	4.97	Borehole dry

ABBREVIATIONS

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N/A	Not applicable
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5. Monitoring is carried out in line with procedures set by LKC Ltd with reference to CIRIA C665. Refer to procedural documents

APPENDIX F

CERTIFICATE OF ANALYSIS - GEOTECHNICAL



TEST REPORT

Client LK Consult Ltd

Address Unit 29 Eton Business
Eton Hill Road
Radcliffe
Greater Manchester
M26 2ZS

Contract LKC 18 1005 -
Smithybridge, Littleborough

Job Number MRN 3100/86
Date of Issue 19 March 2018
Page 1 of 28

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. This does not, however, guarantee the balance of the materials from which the tested samples have been taken to be of equal quality.



MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

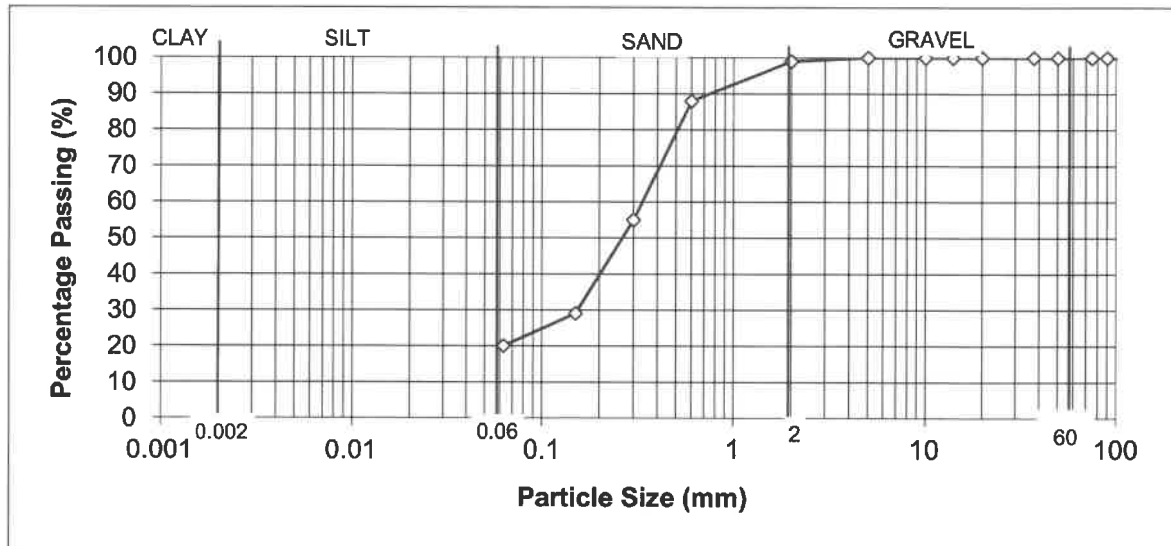
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS101 / B2 0.35-1.35m	DATE SAMPLED	Not advised
LAB SAMPLE No	75402	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty SAND with rare gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	100	
90	100		5	100	
75	100		2	99	
50	100		0.6	88	
37.5	100		0.3	55	
20	100		0.15	29	
14	100		0.063	20	



REMARKS

As received moisture content = 22%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

UNIT 33C, VAUXHALL IND. ESTATE, GREG STREET
REDDISH, STOCKPORT, SK5 7BR
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TEST CERTIFICATE

pH and Sulphate as SO₄
BS 1377: PART 3: 1990

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS102 / B2 0.40-1.40m	DATE SAMPLED	Not advised
LAB SAMPLE No	75403	DATE RECEIVED	05 March 2018
DATE TESTED	07 March 2018	SAMPLED BY	Client

ADVISED SOURCE	Site Investigation Sample
PRE TREATMENT	Air Dried

PH Value	7.1	g/l
Sulphate as SO ₄ (2:1 Water Extract)	0.29	

REMARKS

SIGNED



NAME O.P. Davies
(Deputy Laboratory Manager)

DATE 19 March 2018

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

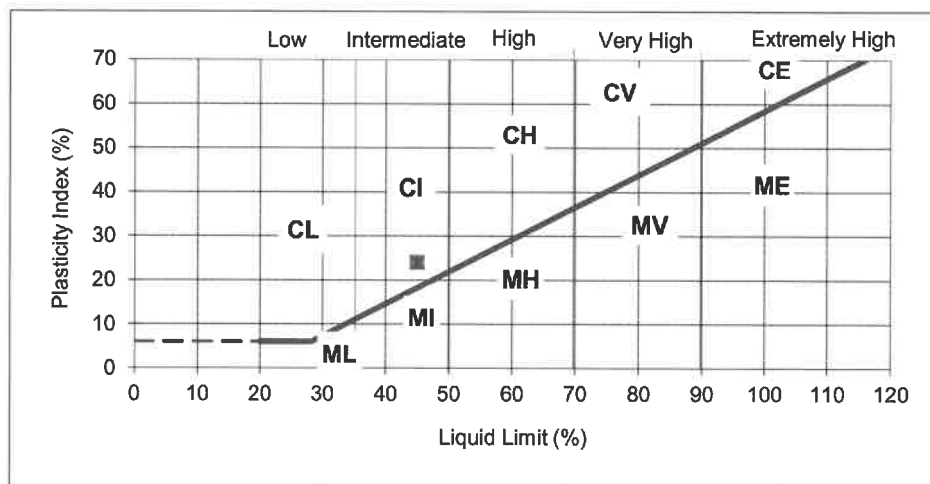
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS104/B2 0.30-1.30m	DATE SAMPLED	Not advised
SAMPLE No.	75406	DATE RECEIVED	05-Mar-18
DATE TESTED	09-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
36	45	21	24	89



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 4 of 28

O.P. Davies

DATE

(Deputy Laboratory Manager)

19-Mar-18

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

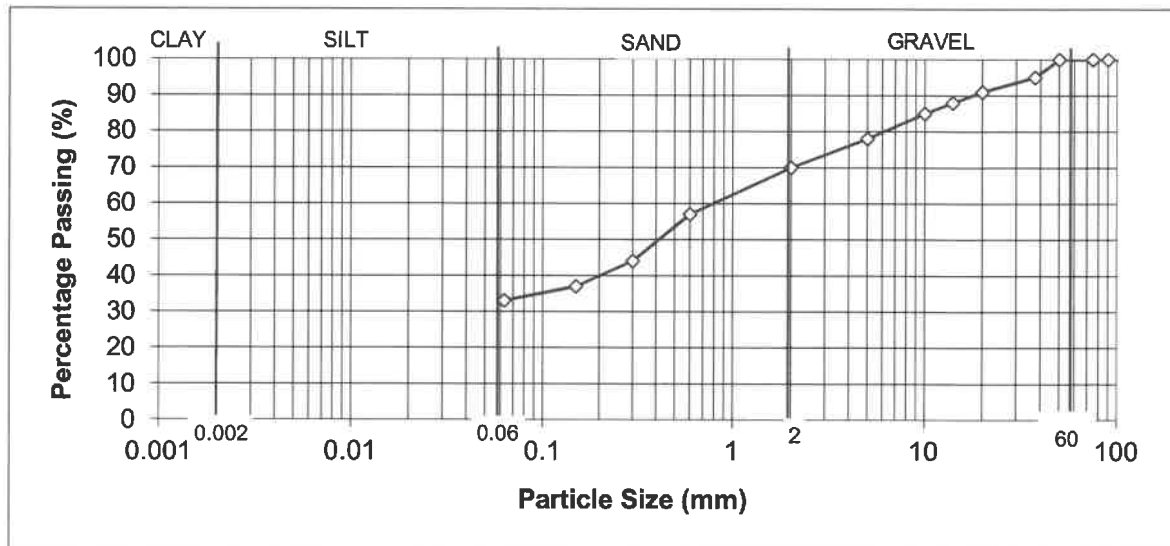
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS106 / B2 0.70-1.70m	DATE SAMPLED	Not advised
LAB SAMPLE No	75409	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	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		10	85	
90	100		5	78	
75	100		2	70	
50	100		0.6	57	
37.5	95		0.3	44	
20	91		0.15	37	
14	88		0.063	33	



REMARKS

As received moisture content = 15%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

33C VAUXHALL INDUSTRIAL ESTATE, GREG STREET
 REDDISH, STOCKPORT SK5 7BR
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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

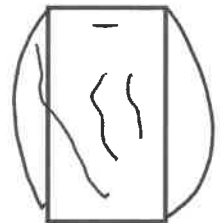
CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS108/B2 0.20-1.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75412	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

MATERIAL	Firm brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation sample

SPECIMEN LENGTH	150	mm
SPECIMEN DIAMETER	75	mm
MOISTURE CONTENT OF SAMPLE	27	%
BULK DENSITY	2.22	Mg/m ³
DRY DENSITY	1.75	Mg/m ³
DEPTH OF TOP OF SPECIMEN	0.30	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
20	20	2.0	103.9	52

REMARKS

SIGNED 

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

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TEST CERTIFICATE

pH and Sulphate as SO₄
BS 1377: PART 3: 1990

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS108 / B3 1.00-2.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75413	DATE RECEIVED	05 March 2018
DATE TESTED	07 March 2018	SAMPLED BY	Client

ADVISED SOURCE	Site Investigation Sample
PRE TREATMENT	Air Dried

PH Value	7.0	g/l
Sulphate as SO ₄ (2:1 Water Extract)	0.35	

REMARKS

SIGNED



NAME O.P. Davies
(Deputy Laboratory Manager)

DATE 19 March 2018

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TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

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

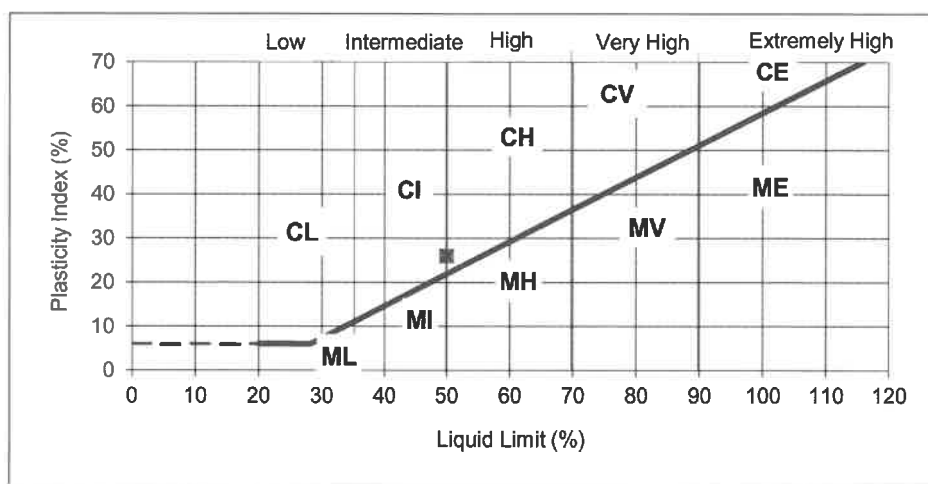
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS109/B2 0.40-1.00m	DATE SAMPLED	Not advised
SAMPLE No.	75414	DATE RECEIVED	05-Mar-18
DATE TESTED	09-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
33	50	24	26	94



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 8 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

33C VAUXHALL INDUSTRIAL ESTATE, GREG STREET
REDDISH, STOCKPORT SK5 7BR
TEL 0161 475 0870 FAX 161 475N 0871

TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS110/B3 1.50-2.50m	DATE SAMPLED	Not advised
LAB SAMPLE No	75417	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

MATERIAL	Firm brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation sample

SPECIMEN LENGTH	160	mm
SPECIMEN DIAMETER	80	mm
MOISTURE CONTENT OF SAMPLE	31	%
BULK DENSITY	2.01	Mg/m ³
DRY DENSITY	1.54	Mg/m ³
DEPTH OF TOP OF SPECIMEN	1.55	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

SPECIMEN AT FAILURE

Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
50	20	2.0	96.3	48

REMARKS

SIGNED



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(Deputy Laboratory Manager)

DATE 19 March 2018

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

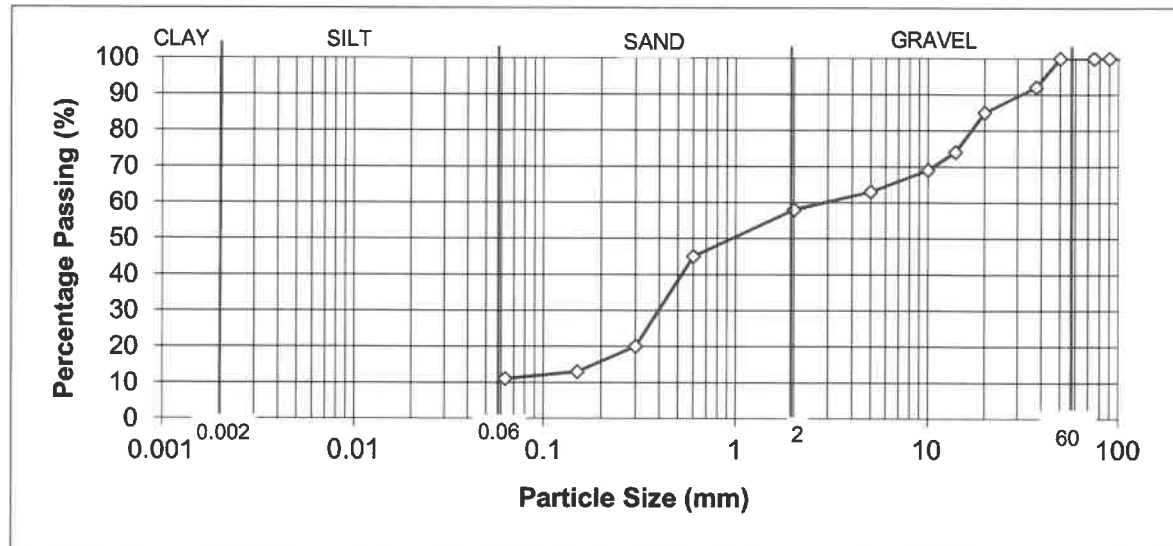
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS111 / B2 0.30-1.30m	DATE SAMPLED	Not advised
LAB SAMPLE No	75419	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty SAND and GRAVEL
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	69	
90	100		5	63	
75	100		2	58	
50	100		0.6	45	
37.5	92		0.3	20	
20	85		0.15	13	
14	74		0.063	11	



REMARKS

As received moisture content = 15%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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 TEL 0161 475 0870 FAX 161 475N 0871

TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS111/B3 1.80-2.80m	DATE SAMPLED	Not advised
LAB SAMPLE No	75420	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

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

SPECIMEN LENGTH	160	mm
SPECIMEN DIAMETER	80	mm
MOISTURE CONTENT OF SAMPLE	17	%
BULK DENSITY	2.22	Mg/m ³
DRY DENSITY	1.91	Mg/m ³
DEPTH OF TOP OF SPECIMEN	1.85	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
60	20	2.0	188.4	94

REMARKS

SIGNED

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
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

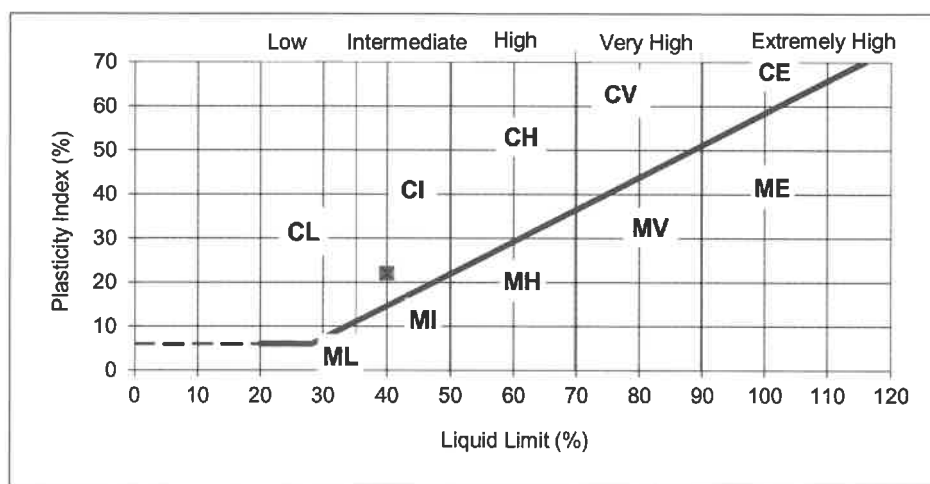
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS113/B2 0.50-1.00m	DATE SAMPLED	Not advised
SAMPLE No.	75422	DATE RECEIVED	05-Mar-18
DATE TESTED	09-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
20	40	18	22	95



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 12 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

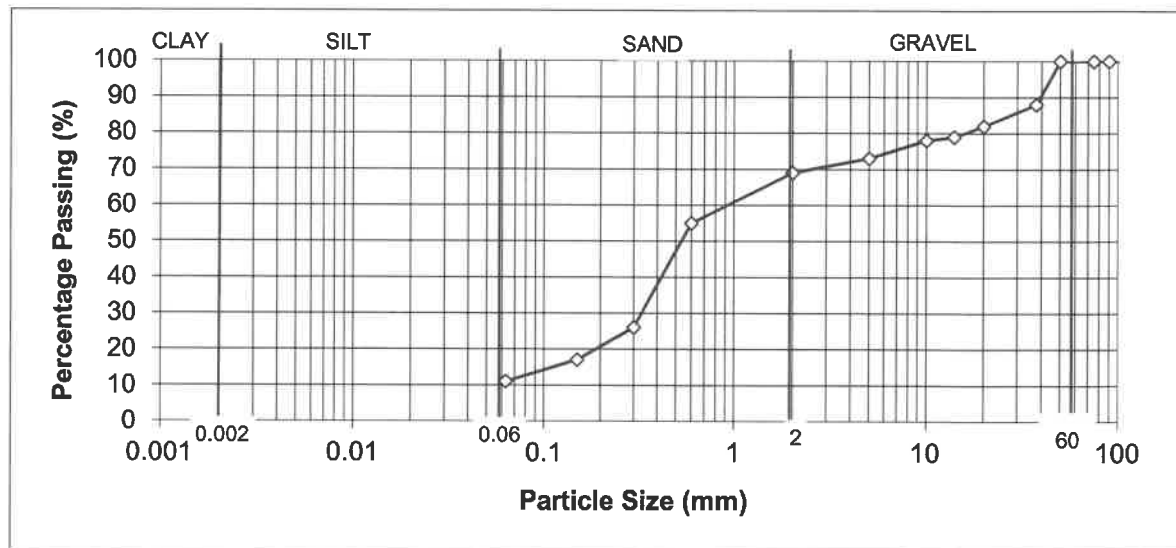
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS115 / B2 1.00-2.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75425	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to coarse SAND with abundant gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	78	
90	100		5	73	
75	100		2	69	
50	100		0.6	55	
37.5	88		0.3	26	
20	82		0.15	17	
14	79		0.063	11	



REMARKS

As received moisture content = 21%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS116/B2 0.50-1.50m	DATE SAMPLED	Not advised
LAB SAMPLE No	75426	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

MATERIAL	Firm brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation sample

SPECIMEN LENGTH	140	mm
SPECIMEN DIAMETER	70	mm
MOISTURE CONTENT OF SAMPLE	28	%
BULK DENSITY	1.94	Mg/m ³
DRY DENSITY	1.52	Mg/m ³
DEPTH OF TOP OF SPECIMEN	0.60	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
30	20	2.0	116.0	58

REMARKS

SIGNED

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

MURRAY RIX

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TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

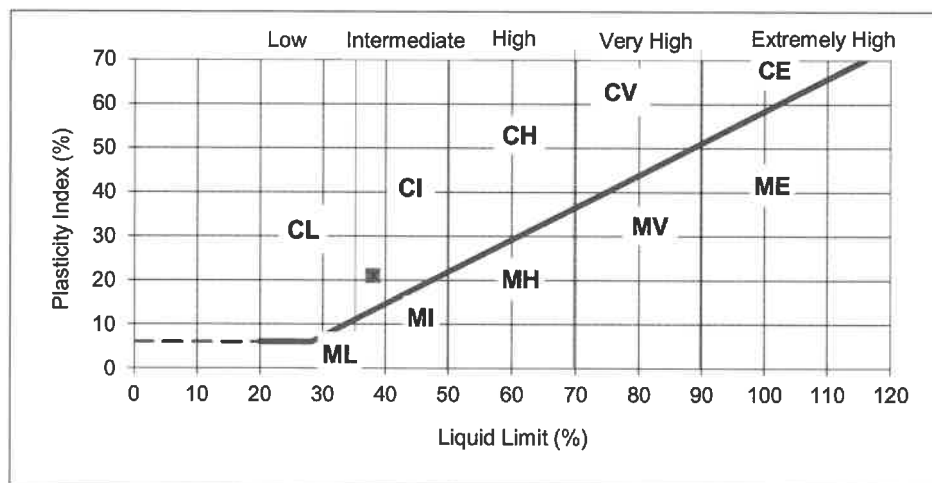
BS 1377: PART 2: 1990 Clause 4.4 ONE POINT METHOD & Clause 5.3
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS117/B2 1.00-2.00m	DATE SAMPLED	Not advised
SAMPLE No.	75427	DATE RECEIVED	05-Mar-18
DATE TESTED	09-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
15	38	17	21	90



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 15 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS118/B3 2.00-3.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75429	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

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

SPECIMEN LENGTH	160	mm
SPECIMEN DIAMETER	80	mm
MOISTURE CONTENT OF SAMPLE	31	%
BULK DENSITY	1.99	Mg/m ³
DRY DENSITY	1.52	Mg/m ³
DEPTH OF TOP OF SPECIMEN	2.20	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
60	20	2.0	159.7	80

REMARKS

SIGNED

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

MURRAY RIX

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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS120/B2 0.30-1.30m	DATE SAMPLED	Not advised
LAB SAMPLE No	75431	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

MATERIAL	Firm brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation sample

SPECIMEN LENGTH	76	mm
SPECIMEN DIAMETER	38	mm
MOISTURE CONTENT OF SAMPLE	24	%
BULK DENSITY	2.10	Mg/m ³
DRY DENSITY	1.70	Mg/m ³
DEPTH OF TOP OF SPECIMEN	0.40	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
30	20	2.0	99.9	50

REMARKS

U38 sub-sample taken from received sample

SIGNED

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

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

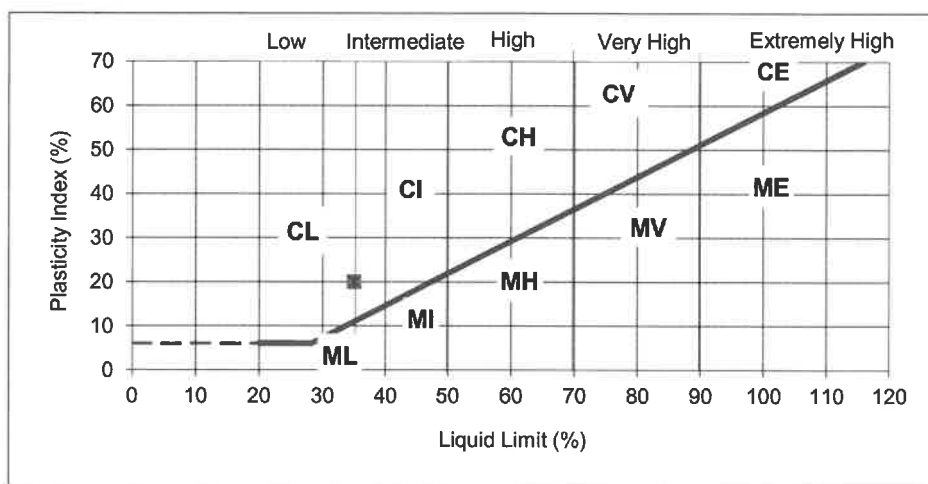
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS122/B2 1.00-2.00m	DATE SAMPLED	Not advised
SAMPLE No.	75433	DATE RECEIVED	05-Mar-18
DATE TESTED	09-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
13	35	15	20	64



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 18 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

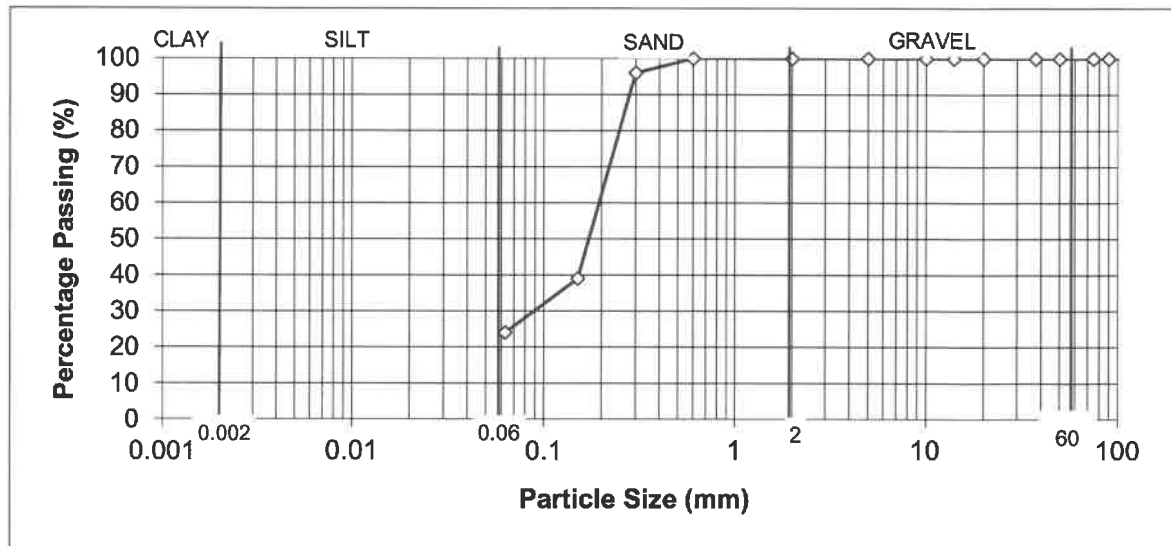
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS123 / B3 2.00-3.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75435	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to medium SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	100	
90	100		5	100	
75	100		2	100	
50	100		0.6	100	
37.5	100		0.3	96	
20	100		0.15	39	
14	100		0.063	24	



REMARKS

As received moisture content = 22%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS124/B2 0.40-1.40m	DATE SAMPLED	Not advised
LAB SAMPLE No	75436	DATE RECEIVED	05 March 2018
DATE TESTED	09 March 2018	SAMPLED BY	Client

MATERIAL	Firm brown silty sandy CLAY with rare gravel
ADVISED SOURCE	Site Investigation sample

SPECIMEN LENGTH	76	mm
SPECIMEN DIAMETER	38	mm
MOISTURE CONTENT OF SAMPLE	28	%
BULK DENSITY	2.02	Mg/m ³
DRY DENSITY	1.58	Mg/m ³
DEPTH OF TOP OF SPECIMEN	0.60	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

**SPECIMEN AT
FAILURE**



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
30	20	2.0	83.9	42

REMARKS

U38 sub-sample taken from received sample

SIGNED

NAME O.P. Davies
 (Deputy Laboratory Manager)

DATE 19 March 2018

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

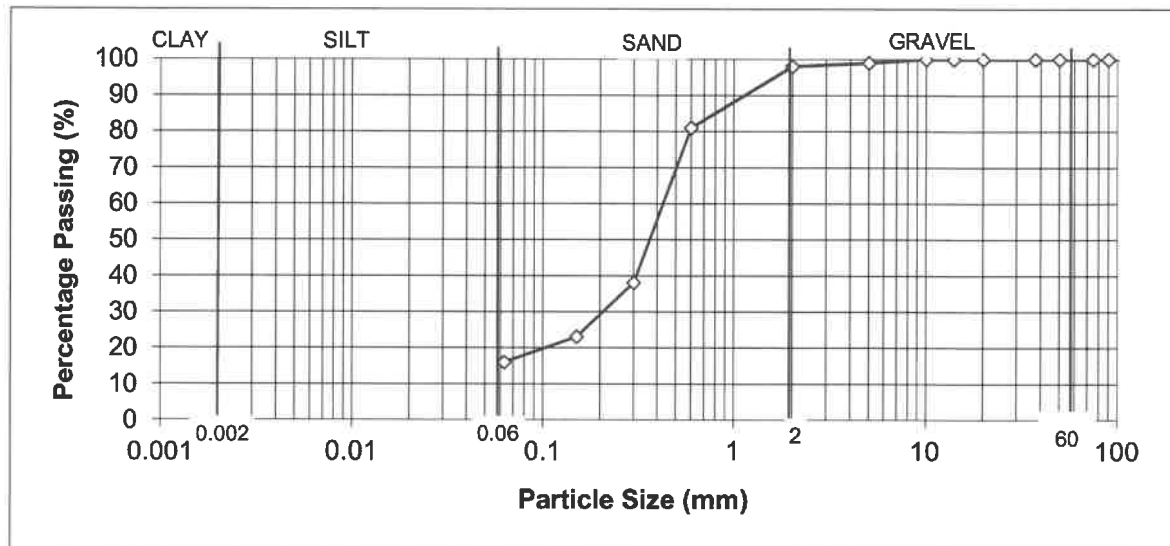
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	WS124 / B3 1.40-2.00m	DATE SAMPLED	Not advised
LAB SAMPLE No	75437	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to coarse SAND with rare gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	100	
90	100		5	99	
75	100		2	98	
50	100		0.6	81	
37.5	100		0.3	38	
20	100		0.15	23	
14	100		0.063	16	



REMARKS

As received moisture content = 12%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

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TEST CERTIFICATE

LIQUID AND PLASTIC LIMIT

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

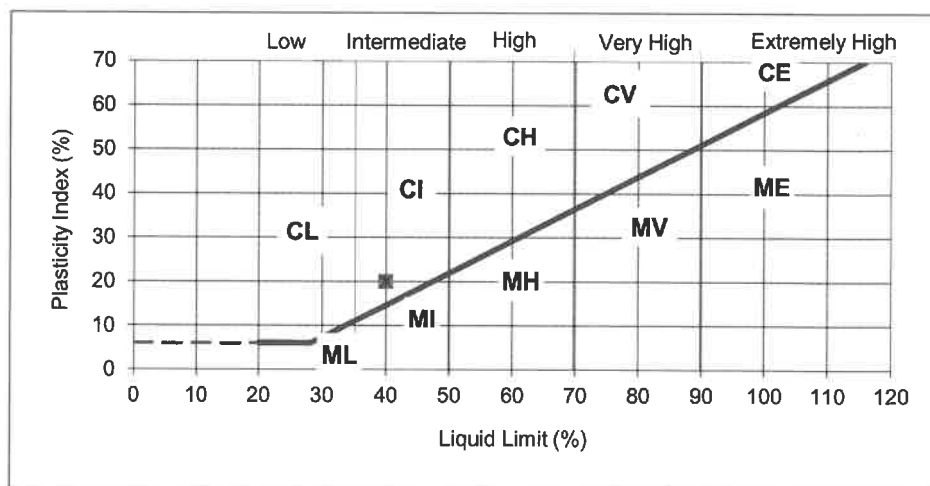
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP101/B2 0.40-1.40m	DATE SAMPLED	Not advised
SAMPLE No.	75438	DATE RECEIVED	05-Mar-18
DATE TESTED	12-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
28	40	20	20	86



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 22 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION
BS 1377: PART 7: 1990:CLAUSE 8 SINGLE STAGE

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP103 / B3 1.20-1.70m	DATE SAMPLED	Not advised
LAB SAMPLE No	75443	DATE RECEIVED	05 March 2018
DATE TESTED	12 March 2018	SAMPLED BY	Client

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

SPECIMEN LENGTH	200	mm
SPECIMEN DIAMETER	100	mm
MOISTURE CONTENT OF SAMPLE	16	%
BULK DENSITY	2.13	Mg/m ³
DRY DENSITY	1.84	Mg/m ³
DEPTH OF TOP OF SPECIMEN	N/A	m
RATE OF STRAIN	2	%/min
RUBBER MEMBRANE THICKNESS	0.6	mm

SPECIMEN AT
FAILURE



Measured Cell Pressure (kPa)	Strain at Failure (%)	Membrane Correction (kPa)	Corrected Max Deviator Stress (kPa)	Shear Stress Cu (kPa)
40	18	2.0	252.3	126

REMARKS

Sample re-compacted at as received moisture content using the 2.5kg rammer

SIGNED



NAME O.P. Davies
(Deputy Laboratory Manager)

DATE 19 March 2018

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

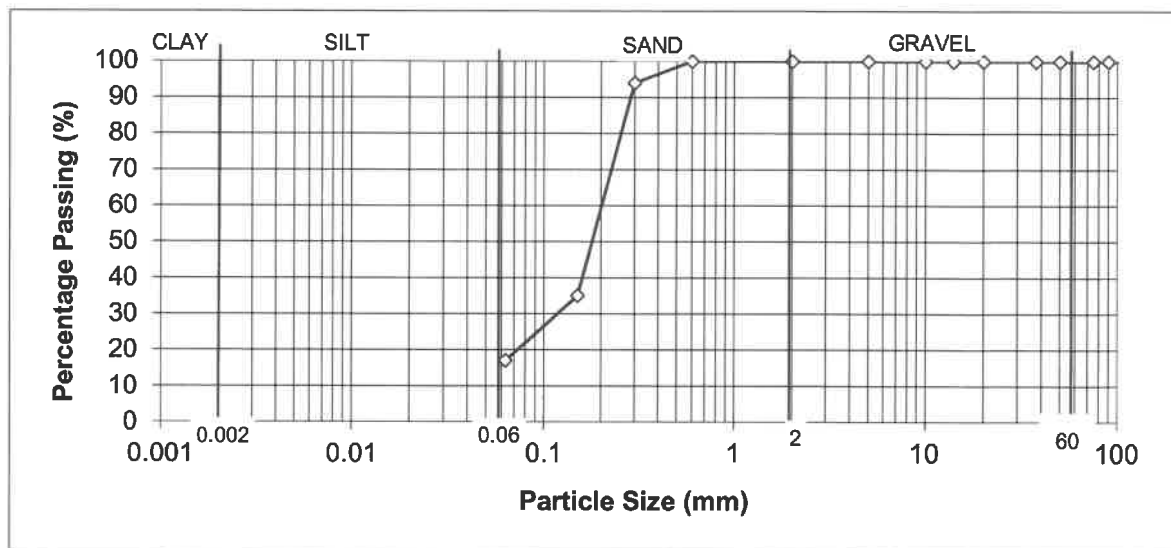
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP105 / B2 0.20-1.20m	DATE SAMPLED	Not advised
LAB SAMPLE No	75446	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to medium SAND
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	100	
90	100		5	100	
75	100		2	100	
50	100		0.6	100	
37.5	100		0.3	94	
20	100		0.15	35	
14	100		0.063	17	



REMARKS

As received moisture content = 23%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

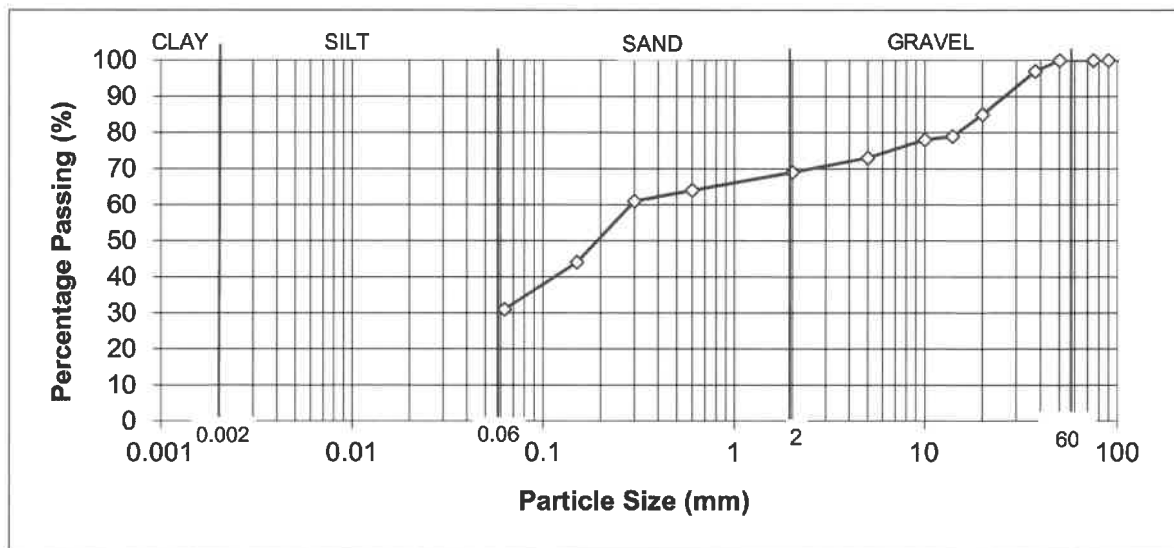
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP111 / B2 0.30-1.30m	DATE SAMPLED	Not advised
LAB SAMPLE No	75455	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to medium SAND with abundant gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	78	
90	100		5	73	
75	100		2	69	
50	100		0.6	64	
37.5	97		0.3	61	
20	85		0.15	44	
14	79		0.063	31	



REMARKS

As received moisture content = 15%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

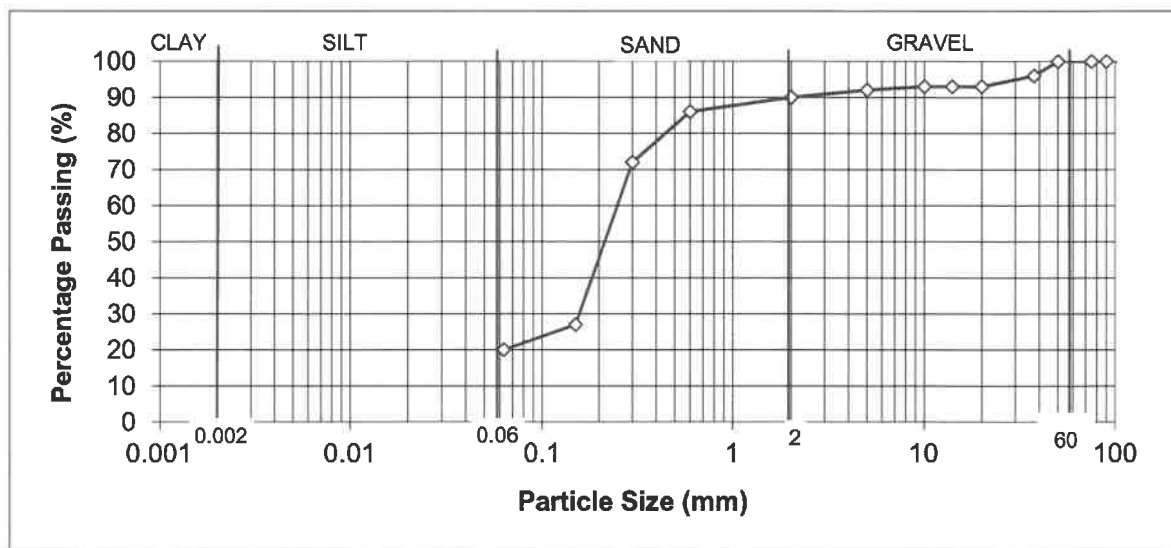
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP115 / B2 0.40-1.40m	DATE SAMPLED	Not advised
LAB SAMPLE No	75459	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	SAMPLED BY	Client

MATERIAL	Brown silty fine to medium SAND with rare gravel
ADVISED SOURCE	Site Investigation Sample

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100		10	93	
90	100		5	92	
75	100		2	90	
50	100		0.6	86	
37.5	96		0.3	72	
20	93		0.15	27	
14	93		0.063	20	



REMARKS

As received moisture content = 20%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

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

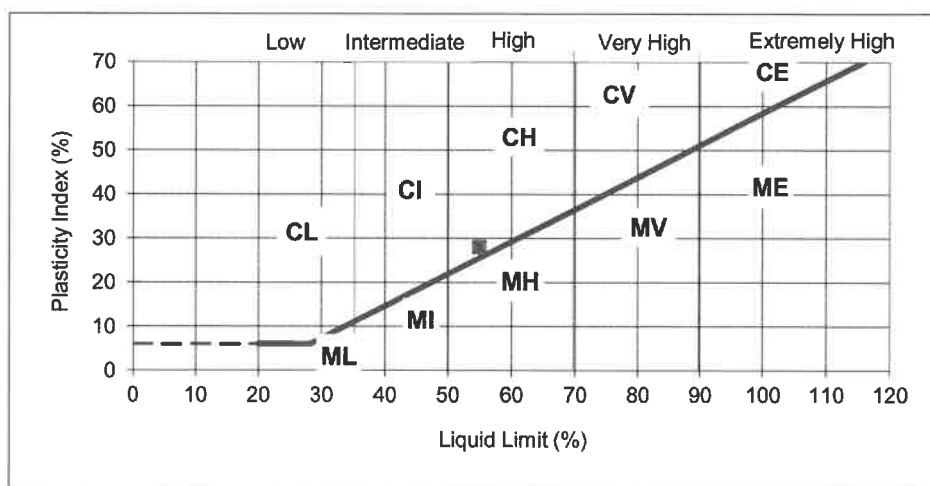
MOISTURE CONTENT METHOD BS 1377: PART 2: 1990 Clause 3.2

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP116/B2 0.30-1.30m	DATE SAMPLED	Not advised
SAMPLE No.	75460	DATE RECEIVED	05-Mar-18
DATE TESTED	12-Mar-18	SAMPLED BY	Client

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

Moisture Content (Natural) (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 425 micron (%)
50	55	27	28	98



REMARKS

Sample tested in natural condition

SIGNED

NAME

Page 27 of 28

O.P. Davies

(Deputy Laboratory Manager)

DATE

19-Mar-18

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

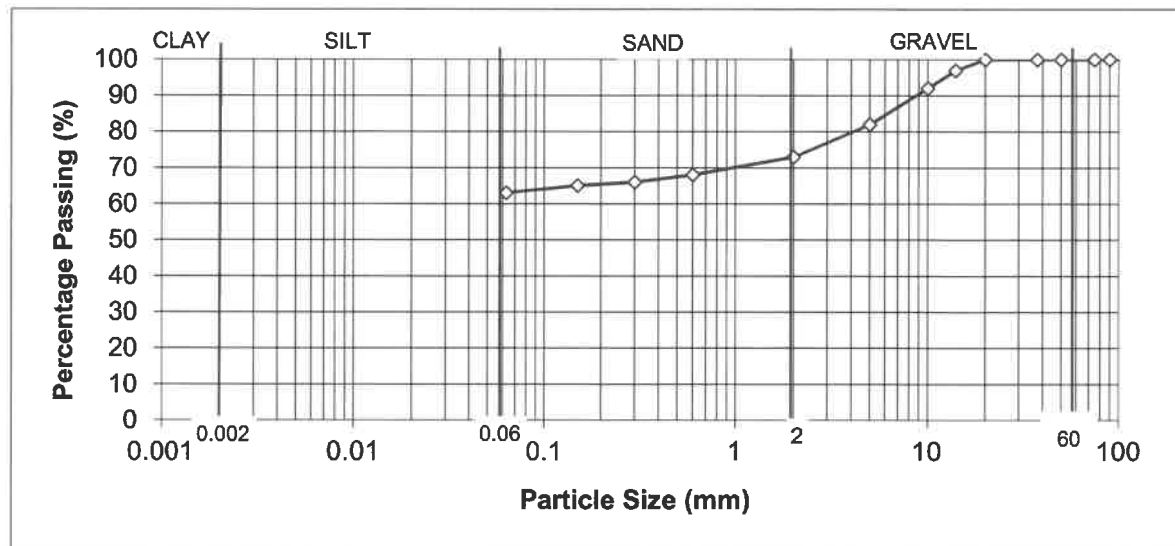
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	Smithybridge, Littleborough
JOB NUMBER	MRN 3100/86

SAMPLE LABEL	TP118 / B3 0.80-1.80m	DATE SAMPLED	Not advised
LAB SAMPLE No	75464	DATE RECEIVED	05-Mar-18
DATE TESTED	08-Mar-18	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		10	92	
90	100		5	82	
75	100		2	73	
50	100		0.6	68	
37.5	100		0.3	66	
20	100		0.15	65	
14	97		0.063	63	



REMARKS

As received moisture content = 8.6%

SIGNED

NAME

O.P. Davies
(Deputy Laboratory Manager)

DATE

19-Mar-18

APPENDIX G

GENERIC ASSESSMENT CRITERIA VALUES

Summary of Category 4 Screening Levels: 2015

Substance	Residential (with home- grown produce)	Residential (without home- grown produce)	Allotments	Commercial	Public Open Space 1	Public Open Space 2
Arsenic	37 mg/kg	40 mg/kg	49 mg/kg	640 mg/kg	79 mg/kg	170 mg/kg
Benzene	0.87 mg/kg	3.3 mg/kg	0.18 mg/kg	98 mg/kg	140 mg/kg	230 mg/kg
Benzo(a)pyrene	5.0 mg/kg	5.3 mg/kg	5.7 mg/kg	77 mg/kg	10 mg/kg	21 mg/kg
Cadmium	22 mg/kg	150 mg/kg	3.9 mg/kg	410 mg/kg	220 mg/kg	880 mg/kg
Chromium VI	21 mg/kg	21 mg/kg	170 mg/kg	49 mg/kg	21 mg/kg	250 mg/kg
Lead	200 mg/kg	310 mg/kg	80 mg/kg	2300 mg/kg	630 mg/kg	1300 mg/kg

Summary Table for the Generic Assessment Criteria for Human Health Risk Assessment Land Quality Management (LQM) S4ULs.

All GAC are based on sandy loam soils with a pH 7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Metals	Inorganic Arsenic	6%	37	40	43	640	79	170
	Beryllium	6%	1.7	1.7	35	12	2.2	63
	Boron	6%	290	11,000	45	240,000	21,000	46,000
	Cadmium	6%	11	85	1.9	190	120	532
	Chromium (III)	6%	910	910	18,000	8,600	1,500	33,000
	Chromium (VI)	6%	6.0	6.0	1.8	33	7.7	220
	Copper	6%	2,400	7,100	520	68,000	12,000	44,000
	Elemental Mercury	6%	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}
	Inorganic Mercury	6%	40	56	19	1,100	120	240
	Methylmercury	6%	11	15	6.0	320	40	68
	Nickel	6%	180	180	230	980	230	3,400
	Selenium	6%	250	430	88	12,000	1,100	1,800
	Vanadium	6%	410	1,200	91	9,000	2,000	5,000
Zinc	6%	3,700	40,000	620	730,000	81,000	170,000	
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90
		2.5%	0.17	0.70	0.034	47	72	100
		6%	0.37	1.4	0.075	90	73	110
	Toluene	1%	130	880 (869) ^{vap}	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
		2.5%	290	1,900	51	110,000 (1,920) ^{vap}	56,000	95,000 (1,920) ^{vap}
		6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
	Ethylbenzene	1%	47	83	16	5,700 (518) ^{vap}	24,000	17,000 (518) ^{vap}
		2.5%	110	190	39	13,000 (1,220) ^{vap}	24,000	22,000 (1,220) ^{vap}
		6%	260	440	91	27,000 (2,840) ^{vap}	25,000	27,000 (2,840) ^{vap}
	o-xylene	1%	60	88	28	6,600 (478) ^{sol}	41,000	17,000 (478) ^{sol}
		2.5%	140	210	67	15,000 (1,120) ^{sol}	42,000	24,000 (1,120) ^{sol}
		6%	330	480	160	33,000 (2,620) ^{sol}	43,000	33,000 (2,620) ^{sol}
	m-xylene	1%	59	82	31	6,200 (625) ^{vap}	41,000	17,000 (625) ^{vap}
		2.5%	140	190	74	14,000 (1,470) ^{vap}	42,000	24,000 (1,470) ^{vap}
		6%	320	450	170	31,000 (3,460) ^{vap}	43,000	32,000 (3,460) ^{vap}
	p-xylene	1%	56	79	29	5,900 (576) ^{sol}	41,000	17,000 (576) ^{sol}
		2.5%	130	180	69	14,000 (1,350) ^{sol}	42,000	23,000 (1,350) ^{sol}
		6%	310	430	160	30,000 (3,170) ^{sol}	43,000	31,000 (3,170) ^{sol}

NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000
		2.5%	5,400	35,000	950	540,000	74,000	150,000
		6%	11,000	37,000	2,200	540,000	74,000	150,000
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49
		2.5%	11	14	6.5	170	29	56
		6%	13	15	13	180	29	62
	Benzo(a)pyrene (only)	1%	2.2	3.2	0.97	35	5.7	11
		2.5%	2.7	3.2	2.0	35	5.7	12
		6%	3.0	3.2	3.5	36	5.7	13
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13
		2.5%	3.3	4.0	2.1	44	7.2	15
		6%	3.7	4.0	3.9	45	7.2	16
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400
		2.5%	340	360	470	4,000	640	1,500
		6%	350	360	640	4,000	640	1,600
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370
		2.5%	93	110	75	1,200	190	410
		6%	100	110	130	1,200	190	440
	Chrysene	1%	15	30	4.1	350	57	93
		2.5%	22	31	9.4	350	57	110
		6%	27	32	19	350	57	120
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3
		6%	0.3	0.32	0.43	3.6	0.58	1.4
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300
		2.5%	560	1,600	130	23,000	3,100	6,300
		6%	890	1,600	290	23,000	3,100	6,400
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150
		2.5%	36	46	21	510	82	170
		6%	41	46	39	510	82	180
	Naphthalene	1%	2.3 ^f	2.3 ^f	4.1 ^f	190 ^f (76.4) ^{sol}	4,900 ^f	1,200 ^f (76.4) ^{sol}
		2.5%	5.6 ^f	5.6 ^f	10 ^f	460 ^f (183) ^{sol}	4,900 ^f	1,900 ^f (183) ^{sol}
		6%	13 ^f	13 ^f	24 ^f	1,100 ^f (432) ^{sol}	4,900 ^f	3,000
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200
		2.5%	220	1,500	38	22,000	3,100	6,200
		6%	440	1,500	90	22,000	3,100	6,300
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000
		2.5%	1,200	3,800	270	54,000	7,400	15,000
		6%	2,000	3,800	620	54,000	7,400	15,000
Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	
	2.5%	0.98	1.2	0.67	15	2.2	4.7	
	6%	1.1	1.2	1.2	15	2.2	4.8	

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = naphthalene is based on comparison of inhalation exposure with TDI_{inhal} for localised effect.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Aliphatic							
EC 5-6	1%	42	42	730	3,200 (304) ^{sol}	570,000(304) ^{sol}	95,000 (304) ^{sol}
EC>6-8	1%	100	100	2,300	7,800 (144) ^{sol}	600,000	150,000 (144) ^{sol}
EC>8-10	1%	27	27	320	2,000 (78) ^{sol}	13,000	14,000 (78) ^{vap}
EC>10-12	1%	130 (48) ^{vap}	130 (48) ^{vap}	2,200	9,700 (48) ^{sol}	13,000	21,000 (48) ^{vap}
EC>12-16	1%	1,100 (24) ^{sol}	1,100 (24) ^{sol}	11,000	59,000 (24) ^{sol}	13,000	25,000 (24) ^{sol}
EC>16-35	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
EC>35-44	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
Aliphatic							
EC 5-6	2.5%	78	78	1,700	5,900 (558) ^{sol}	590,000	130,000 (558) ^{sol}
EC>6-8	2.5%	230	230	5,600	17,000 (322) ^{sol}	610,000	220,000 (322) ^{sol}
EC>8-10	2.5%	65	65	770	4,800 (190) ^{vap}	13,000	18,000 (190) ^{vap}
EC>10-12	2.5%	330 (118) ^{vap}	330 (118) ^{vap}	4,400	23,000 (118) ^{vap}	13,000	23,000 (118) ^{vap}
EC>12-16	2.5%	2,400 (59) ^{sol}	2,400 (59) ^{sol}	13,000	82,000 (59) ^{sol}	13,000	25,000 (59) ^{sol}
EC>16-35	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
EC>35-44	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
Aliphatic							
EC 5-6	6%	160	160	3,900	12,000 (1,150) ^{sol}	600,000	180,000 (1,150) ^{sol}
EC>6-8	6%	530	530	13,000	40,000 (736) ^{sol}	620,000	320,000 (736) ^{sol}
EC>8-10	6%	150	150	1,700	11,000 (451) ^{vap}	13,000	21,000 (451) ^{vap}
EC>10-12	6%	760 (283) ^{vap}	760 (283) ^{vap}	7,300	47,000 (283) ^{vap}	13,000	24,000 (283) ^{vap}
EC>12-16	6%	4,300 (142) ^{sol}	4,400 (142) ^{sol}	13,000	90,000 (142) ^{sol}	13,000	26,000 (142) ^{sol}
EC>16-35	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
EC>35-44	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
Aromatic							
EC5-7(benzene as non-threshold)	1%	70	370	13	26,000 (1,220) ^{sol}	56,000	76,000 (1,220) ^{sol}
EC>7-8(toluene)	1%	130	860	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
EC>8-10	1%	34	47	8.6	3,500 (613) ^{vap}	5,000	7,200 (613) ^{vap}
EC>10-12	1%	74	250	13	16,000 (364) ^{sol}	5,000	9,200 (364) ^{sol}
EC>12-16	1%	140	1,800	23	36,000 (169) ^{sol}	5,100	10,000
EC>16-21	1%	260 ^f	1,900 ^f	46 ^f	28,000 ^f	3,800 ^f	7,600 ^f
EC>21-35	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	2.5%	140	690	27	46,000 (2,260) ^{sol}	56,000	84,000 (2,260) ^{sol}
EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) ^{sol}	56,000	95,000 (1,920) ^{sol}
EC>8-10	2.5%	83	110	21	8,100 (1,500) ^{vap}	5,000	8,500 (1,500) ^{vap}
EC>10-12	2.5%	180	590	31	28,000 (899) ^{sol}	5,000	9,700 (899) ^{sol}
EC>12-16	2.5%	330	2,300 (419) ^{sol}	57	37,000	5,100	10,000
EC>16-21	2.5%	540 ^f	1,900 ^f	110 ^f	28,000 ^f	3,800 ^f	7,700 ^f
EC>21-35	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	6%	300	1,400	57	86,000 (4,710) ^{sol}	56,000	92,000 (4,710) ^{sol}
EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
EC>8-10	6%	190	270	51	17,000 (3,580) ^{vap}	5,000	9,300 (3,580) ^{vap}
EC>10-12	6%	380	1,200	4	34,000 (2,150) ^{sol}	5,000	10,000
EC>12-16	6%	660	2,500	130	38,000	5,100	10,000
EC>16-21	6%	930 ^f	1,900 ^f	260 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>21-35	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
EC>35-44	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
Aliphatic	1%	1,600 ^f	1,900 ^f	1,200 ^f	28,000 ^f	3,800 ^f	7,800 ^f
+Aromatic	2.5%	1,800 ^f	1,900 ^f	2,100 ^f	28,000 ^f	3,800 ^f	7,800 ^f
>EC44	6%	1,900 ^f	1,900 ^f	3,000 ^f	28,000 ^f	3,800 ^f	7,900 ^f

NOTES

^{sol}/^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	7.1E-03	9.2E-03	4.6E-03	0.67	29	21
		2.5%	1.1E-02	1.3E-02	8.3E-03	0.97	29	24
		6%	1.9E-02	2.3E-02	1.6E-02	1.7	29	28
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}
		6%	39	40	240	3,000	140,000	100,000 (6,392) ^{vap}
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800
		2.5%	3.4	8.0	0.89	550	1,400	2,100
		6%	7.5	17	2.0	1,100	1,400	2,300
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500
		2.5%	2.8	3.5	1.9	250	1,400	1,800
		6%	6.4	8.2	4.4	560	1,400	2,100
	Tetrachloroethene (PCE)	1%	0.18	0.18	0.65	19	1,400	810 (424) ^{sol}
		2.5%	0.39	0.40	1.5	42	1,400	1,100 (951) ^{sol}
		6%	0.90	0.92	3.6	95	1,400	1,500
	Tetrachloromethane (carbon tetrachloride)	1%	2.6E-02	2.6E-02	0.45	2.9	890	190
		2.5%	5.6E-02	5.6E-02	1.0	6.3	920	270
		6%	0.13	0.13	2.4	14	950	400
	Trichloroethene (TCE)	1%	1.6E-02	1.7E-02	4.1E-02	1.2	120	70
		2.5%	3.4E-02	3.6E-02	9.1E-02	2.6	120	91
		6%	7.5E-02	8.0E-02	0.21	5.7	120	120
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600
		2.5%	1.7	2.1	0.83	170	2,500	2,800
		6%	3.4	4.2	1.7	350	2,500	3,100
	Chloroethene (vinyl chloride)	1%	6.4E-04	7.7E-04	5.5E-04	5.9E-02	3.5	4.8
		2.5%	8.7E-04	1.0E-03	1.0E-03	7.7E-02	3.5	5.0
		6%	1.4E-03	1.5E-03	1.8E-03	0.12	3.5	5.4
	2,4,6-Trinitrotoluene (TNT)	1%	1.6	65	0.24	1,000	130	260
		2.5%	3.7	66	0.58	1,000	130	270
		6%	8.1	66	1.4	1,000	130	270
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}
		2.5%	250	13,000	38	210,000	26,000	51,000
		6%	540	13,000	85	210,000	27,000	53,000
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30
		2.5%	6.6	7.4	6.1	170	18	31
		6%	7.1	7.5	9.8	170	18	31
	Dieldrin	1%	0.97	7.0	0.17	170	18	30
		2.5%	2.0	7.3	0.41	170	18	30
		6%	3.5	7.4	0.96	170	18	31
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300
		2.5%	7.8	620	1.2	9,400	1,200	2,400
		6%	17.4	620	2.7	9,400	1,200	2,400
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26
		6%	0.14	6.6	2.2E-02	140	16	27
	Endosulfans (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15
		2.5%	0.2	3.8	3.2E-02	65	8.1	15
		6%	0.46	3.8	7.7E-02	65	8.1	16

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

All GAC are based on
sandy loam soils with a pH
7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}
		6%	2.4	2.4	32	290	14,000	2,900
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190
		6%	22	38	7.0	830	100	190
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 ^g	94	0.13 ^g	3,500	620	1,100
		2.5%	2.0	150	0.30	4,000	620	1,100
		6%	4.5	210	0.70	4,300	620	1,100
	Pentachlorophenol	1%	0.22	27 (16.4) ^{vap}	3.0E-02	400	60	110
		2.5%	0.52	29	8.0E-02	400	60	120
		6%	1.2	31	0.19	400	60	120
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300
		2.5%	0.29	0.29	10	22	11,000	1,900
		6%	0.62	0.62	23	47	11,000	2,700
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48
		2.5%	0.7	0.78	0.61	66	25	50
		6%	1.6	1.8	1.4	120	25	51
	Phenol	1%	280	750	66	760 ^{dir} (31,000)	760 ^{dir} (11,000)	760 ^{dir} (8,600)
		2.5%	550	1,300	140	1,500 ^{dir} (35,000)	1,500 ^{dir} (11,000)	1,500 ^{dir} (9,700)
		6%	1,100	2,300	280	3,200 ^{dir} (37,000)	3,200 ^{dir} (11,000)	3,200 ^{dir} (11,000)

NOTES

^{sol / vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^{dir} = S4uls based on threshold protective of direct skin contact with phenol (brackets long term exposure for illustration purposes).

^g = derived based on 2,3,4,6-tetrachlorophenol.

APPENDIX H

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)



KIJXS-ACL7L-7BQPS

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

Job name

Smithy Bridge Road, Littleborough

Description/Comments

Land off Smithy Bridge Road, Littleborough, OL16 2RY.
National Grid Reference 392060E 415330N.

Project

LKC 18 1005

Site

Smithy Bridge Road, Littleborough

Classified by

Name:
Colin Crompton
Date:
15 Jul 2022 11:36 GMT
Telephone:
0161 763 7200

Company:
LK Group
Unit 29, Eton Business Park
Eton Hill Rd, Radcliffe
Greater Manchester
M26 2ZS

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:

CERTIFIED

Course
Hazardous Waste Classification

Date
08 Oct 2020

Next 3 year Refresher due by Oct 2023

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS101 / D1	0.00-0.35	Non Hazardous		3
2	WS104 / D1	0.00-0.30	Non Hazardous		5
3	WS106 / D1	0.20-0.70	Non Hazardous		7
4	WS107 / D1	0.00-0.30	Non Hazardous		9
5	WS110 / D1	0.00-0.20	Non Hazardous		11
6	WS110 / D2	0.20-1.20	Non Hazardous		13
7	WS111 / D1	0.00-0.30	Non Hazardous		14
8	WS112 / D1	0.00-0.40	Non Hazardous		16
9	WS113 / D1	0.00-0.50	Non Hazardous		18
10	WS115 / D1	0.00-0.80	Non Hazardous		20
11	WS117/D1	0.00-0.30	Non Hazardous		22
12	WS119/D1	0.00-0.20	Non Hazardous		24
13	WS120/D1	0.00-0.30	Non Hazardous		26
14	WS121/D1	0.00-0.30	Non Hazardous		28
15	WS121/D2	0.30-1.30	Non Hazardous		30
16	WS123/D1	0.00-0.30	Non Hazardous		32
17	WS124/D1	0.00-0.40	Non Hazardous		34
18	TP101 / D1	0.00-0.40	Non Hazardous		36
19	TP103 / D1	0.00-0.30	Non Hazardous		38
20	TP105 / D2	0.20-1.20	Non Hazardous		40
21	TP106 / D1	0.00-0.20	Non Hazardous		42
22	TP107 / D1	0.00-0.40	Non Hazardous		44
23	TP109 / D1	0.00-0.30	Non Hazardous		46
24	TP111 / D1	0.00-0.30	Non Hazardous		48
25	TP112 / D1	0.00-0.30	Non Hazardous		50
26	TP113 / D1	0.00-0.40	Non Hazardous		52
27	TP114 / D1	0.00-0.40	Non Hazardous		54
28	TP115 / D1	0.00-0.40	Non Hazardous		56

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
29	TP116 / D1	0.00-0.30	Non Hazardous		58
30	TP118 / D1	0.00-0.30	Non Hazardous		60
31	TP119 / D1	0.00-0.70	Non Hazardous		62
32	TP120 / D1	0.00-0.20	Non Hazardous		64
33	TP122 / D1	0.00-0.40	Non Hazardous		66
34	TP123 / D1	0.00-0.40	Non Hazardous		68
35	TP124 / D1	0.00-1.00	Hazardous	HP 7	70
36	TP127 / D1	0.00-1.00	Hazardous	HP 7	72

Related documents

#	Name	Description
1	LK SUITE 1 - 5	waste stream template used to create this Job

Report

Created by: Colin Crompton

Created date: 15 Jul 2022 11:36 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	74
Appendix B: Rationale for selection of metal species	75
Appendix C: Version	75

Classification of sample: WS101 / D1

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

Sample details

Sample name:	LoW Code:
WS101 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.35 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
27%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 27% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				25 mg/kg	1.32	33.008 mg/kg	0.0033 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.51 mg/kg	1.142	0.583 mg/kg	0.0000583 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				26 mg/kg	1.462	38 mg/kg	0.0038 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				43 mg/kg	1.126	48.413 mg/kg	0.00484 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.27 mg/kg	1.353	0.365 mg/kg	0.0000365 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				23 mg/kg	2.976	68.454 mg/kg	0.00685 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	81 mg/kg		81 mg/kg	0.0081 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.82 mg/kg	1.405	1.152 mg/kg	0.000115 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36 mg/kg	1.785	64.267 mg/kg	0.00643 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				99 mg/kg	2.774	274.641 mg/kg	0.0275 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.4 pH		5.4 pH	5.4 pH			
			PH								
13	naphthalene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.38 mg/kg		0.38 mg/kg	0.000038 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.72 mg/kg		0.72 mg/kg	0.000072 %		
20	pyrene	204-927-3	129-00-0		0.66 mg/kg		0.66 mg/kg	0.000066 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.22 mg/kg		0.22 mg/kg	0.000022 %		
22	chrysene	601-048-00-0	205-923-4		0.28 mg/kg		0.28 mg/kg	0.000028 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.12 mg/kg		0.12 mg/kg	0.000012 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.24 mg/kg		0.24 mg/kg	0.000024 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.2 mg/kg		0.2 mg/kg	0.00002 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.24 mg/kg		0.24 mg/kg	0.000024 %		
Total:								0.0615 %		

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: WS104 / D1

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

Sample details

Sample name:	LoW Code:
WS104 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
32%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 32% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.67 mg/kg	1.142	0.765 mg/kg	0.0000765 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide }				31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
		215-160-9	1308-38-9							
4	copper { dicopper oxide; copper (I) oxide }				38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
	029-002-00-X	215-270-7	1317-39-1							
5	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
	080-010-00-X	231-299-8	7487-94-7							
6	nickel { nickel chromate }				24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
	028-035-00-7	238-766-5	14721-18-7							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	80 mg/kg		80 mg/kg	0.008 %		
	082-001-00-6									
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.73 mg/kg	1.405	1.026 mg/kg	0.000103 %		
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36 mg/kg	1.785	64.267 mg/kg	0.00643 %		
	023-001-00-8	215-239-8	1314-62-1							
10	zinc { zinc chromate }				95 mg/kg	2.774	263.544 mg/kg	0.0264 %		
	024-007-00-3	236-878-9	13530-65-9							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	pH				5.4 pH		5.4 pH	5.4 pH		
			PH							
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.33 mg/kg		0.33 mg/kg	0.000033 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.65 mg/kg		0.65 mg/kg	0.000065 %		
20	pyrene	204-927-3	129-00-0		0.72 mg/kg		0.72 mg/kg	0.000072 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.21 mg/kg		0.21 mg/kg	0.000021 %		
22	chrysene	601-048-00-0	205-923-4		0.27 mg/kg		0.27 mg/kg	0.000027 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.27 mg/kg		0.27 mg/kg	0.000027 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.25 mg/kg		0.25 mg/kg	0.000025 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.18 mg/kg		0.18 mg/kg	0.000018 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.22 mg/kg		0.22 mg/kg	0.000022 %		
Total:								0.0605 %		

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: WS106 / D1

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

Sample details

Sample name:	LoW Code:
WS106 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20-0.70 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.31 mg/kg	1.142	0.354 mg/kg	0.0000354 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide }				22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
		215-160-9	1308-38-9							
4	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
	029-002-00-X	215-270-7	1317-39-1							
5	mercury { mercury dichloride }				0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
	080-010-00-X	231-299-8	7487-94-7							
6	nickel { nickel chromate }				19 mg/kg	2.976	56.549 mg/kg	0.00565 %		
	028-035-00-7	238-766-5	14721-18-7							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	46 mg/kg		46 mg/kg	0.0046 %		
	082-001-00-6									
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.59 mg/kg	1.405	0.829 mg/kg	0.0000829 %		
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				34 mg/kg	1.785	60.696 mg/kg	0.00607 %		
	023-001-00-8	215-239-8	1314-62-1							
10	zinc { zinc chromate }				56 mg/kg	2.774	155.352 mg/kg	0.0155 %		
	024-007-00-3	236-878-9	13530-65-9							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	pH				5.9 pH		5.9 pH	5.9 pH		
			PH							
13	naphthalene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				0.28 mg/kg		0.28 mg/kg	0.000028 %		
		205-917-1	208-96-8							
15	acenaphthene				0.77 mg/kg		0.77 mg/kg	0.000077 %		
		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							
16	fluorene	201-695-5	86-73-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
17	phenanthrene	201-581-5	85-01-8		4 mg/kg		4 mg/kg	0.0004 %		
18	anthracene	204-371-1	120-12-7		0.64 mg/kg		0.64 mg/kg	0.000064 %		
19	fluoranthene	205-912-4	206-44-0		4.5 mg/kg		4.5 mg/kg	0.00045 %		
20	pyrene	204-927-3	129-00-0		3.8 mg/kg		3.8 mg/kg	0.00038 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.5 mg/kg		1.5 mg/kg	0.00015 %		
22	chrysene	601-048-00-0	205-923-4		1.8 mg/kg		1.8 mg/kg	0.00018 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.8 mg/kg		1.8 mg/kg	0.00018 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.7 mg/kg		0.7 mg/kg	0.00007 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.4 mg/kg		1.4 mg/kg	0.00014 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.88 mg/kg		0.88 mg/kg	0.000088 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.17 mg/kg		0.17 mg/kg	0.000017 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.88 mg/kg		0.88 mg/kg	0.000088 %		
Total:								0.0423 %		

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: WS107 / D1

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

Sample details

Sample name:	LoW Code:
WS107 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	 arsenic { arsenic trioxide }				12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
	033-003-00-0	215-481-4	1327-53-3							
2	 cadmium { cadmium oxide }				0.23 mg/kg	1.142	0.263 mg/kg	0.0000263 %		
	048-002-00-0	215-146-2	1306-19-0							
3	 chromium in chromium(III) compounds { chromium(III) oxide }				23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
		215-160-9	1308-38-9							
4	 copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
	029-002-00-X	215-270-7	1317-39-1							
5	 mercury { mercury dichloride }				0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
	080-010-00-X	231-299-8	7487-94-7							
6	 nickel { nickel chromate }				21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
	028-035-00-7	238-766-5	14721-18-7							
7	 lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	37 mg/kg		37 mg/kg	0.0037 %		
	082-001-00-6									
8	 selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.44 mg/kg	1.405	0.618 mg/kg	0.0000618 %		
	034-002-00-8									
9	 vanadium { divanadium pentaoxide; vanadium pentoxide }				32 mg/kg	1.785	57.126 mg/kg	0.00571 %		
	023-001-00-8	215-239-8	1314-62-1							
10	 zinc { zinc chromate }				61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
	024-007-00-3	236-878-9	13530-65-9							
11	 chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	 pH				5.9 pH		5.9 pH	5.9 pH		
			PH							
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	 acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	 acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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								
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
17	phenanthrene	201-581-5	85-01-8		0.31 mg/kg		0.31 mg/kg	0.000031 %			
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
19	fluoranthene	205-912-4	206-44-0		0.53 mg/kg		0.53 mg/kg	0.000053 %			
20	pyrene	204-927-3	129-00-0		0.47 mg/kg		0.47 mg/kg	0.000047 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.11 mg/kg		0.11 mg/kg	0.000011 %			
22	chrysene	601-048-00-0	205-923-4		0.13 mg/kg		0.13 mg/kg	0.000013 %			
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
Total:									0.0409 %		

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: WS110 / D1

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

Sample details

Sample name:	LoW Code:
WS110 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
27%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 27% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.44 mg/kg	1.142	0.503 mg/kg	0.0000503 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide }				24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
		215-160-9	1308-38-9							
4	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	66.427 mg/kg	0.00664 %		
	029-002-00-X	215-270-7	1317-39-1							
5	mercury { mercury dichloride }				0.29 mg/kg	1.353	0.393 mg/kg	0.0000393 %		
	080-010-00-X	231-299-8	7487-94-7							
6	nickel { nickel chromate }				29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
	028-035-00-7	238-766-5	14721-18-7							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	92 mg/kg		92 mg/kg	0.0092 %		
	082-001-00-6									
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.67 mg/kg	1.405	0.941 mg/kg	0.0000941 %		
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				55 mg/kg	1.785	98.185 mg/kg	0.00982 %		
	023-001-00-8	215-239-8	1314-62-1							
10	zinc { zinc chromate }				96 mg/kg	2.774	266.318 mg/kg	0.0266 %		
	024-007-00-3	236-878-9	13530-65-9							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	pH				6 pH		6 pH	6pH		
			PH							
13	naphthalene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		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							
16	fluorene	201-695-5	86-73-7		0.13 mg/kg		0.13 mg/kg	0.000013 %		
17	phenanthrene	201-581-5	85-01-8		1.9 mg/kg		1.9 mg/kg	0.00019 %		
18	anthracene	204-371-1	120-12-7		0.22 mg/kg		0.22 mg/kg	0.000022 %		
19	fluoranthene	205-912-4	206-44-0		2.7 mg/kg		2.7 mg/kg	0.00027 %		
20	pyrene	204-927-3	129-00-0		2.3 mg/kg		2.3 mg/kg	0.00023 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.96 mg/kg		0.96 mg/kg	0.000096 %		
22	chrysene	601-048-00-0	205-923-4		1.2 mg/kg		1.2 mg/kg	0.00012 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.2 mg/kg		1.2 mg/kg	0.00012 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.38 mg/kg		0.38 mg/kg	0.000038 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.95 mg/kg		0.95 mg/kg	0.000095 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.6 mg/kg		0.6 mg/kg	0.00006 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.69 mg/kg		0.69 mg/kg	0.000069 %		
Total:								0.0691 %		

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: WS110 / D2

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

Sample details

Sample name:	LoW Code:
WS110 / D2	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20-1.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	• pH				5.1 pH		5.1 pH	5.1 pH		
Total:								0%		

Key

- User supplied data
- Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: WS111 / D1

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

Sample details

Sample name:	LoW Code:
WS111 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
23%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.47 mg/kg	1.142	0.537 mg/kg	0.0000537 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				27 mg/kg	1.462	39.462 mg/kg	0.00395 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				54 mg/kg	1.126	60.798 mg/kg	0.00608 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.31 mg/kg	1.353	0.42 mg/kg	0.000042 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				34 mg/kg	2.976	101.193 mg/kg	0.0101 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	140 mg/kg		140 mg/kg	0.014 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.75 mg/kg	1.405	1.054 mg/kg	0.000105 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				53 mg/kg	1.785	94.615 mg/kg	0.00946 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				100 mg/kg	2.774	277.415 mg/kg	0.0277 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.7 pH		5.7 pH	5.7 pH			
			pH								
13	naphthalene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		1.4 mg/kg		1.4 mg/kg	0.00014 %		
18	anthracene	204-371-1	120-12-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
19	fluoranthene	205-912-4	206-44-0		2.2 mg/kg		2.2 mg/kg	0.00022 %		
20	pyrene	204-927-3	129-00-0		2 mg/kg		2 mg/kg	0.0002 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.9 mg/kg		0.9 mg/kg	0.00009 %		
22	chrysene	601-048-00-0	205-923-4		1 mg/kg		1 mg/kg	0.0001 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.1 mg/kg		1.1 mg/kg	0.00011 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.4 mg/kg		0.4 mg/kg	0.00004 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.74 mg/kg		0.74 mg/kg	0.000074 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.53 mg/kg		0.53 mg/kg	0.000053 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.63 mg/kg		0.63 mg/kg	0.000063 %		
Total:								0.0758 %		

Key

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

Classification of sample: WS112 / D1

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

Sample details

Sample name:	LoW Code:
WS112 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
29%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				21 mg/kg	1.32	27.727 mg/kg	0.00277 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.39 mg/kg	1.142	0.446 mg/kg	0.0000446 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				22 mg/kg	1.462	32.154 mg/kg	0.00322 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				42 mg/kg	1.126	47.287 mg/kg	0.00473 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.35 mg/kg	1.353	0.474 mg/kg	0.0000474 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				26 mg/kg	2.976	77.383 mg/kg	0.00774 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	96 mg/kg		96 mg/kg	0.0096 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.51 mg/kg	1.405	0.717 mg/kg	0.0000717 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36 mg/kg	1.785	64.267 mg/kg	0.00643 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				91 mg/kg	2.774	252.447 mg/kg	0.0252 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
		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							
16	fluorene	201-695-5	86-73-7		0.14 mg/kg		0.14 mg/kg	0.000014 %		
17	phenanthrene	201-581-5	85-01-8		1.5 mg/kg		1.5 mg/kg	0.00015 %		
18	anthracene	204-371-1	120-12-7		0.19 mg/kg		0.19 mg/kg	0.000019 %		
19	fluoranthene	205-912-4	206-44-0		2.4 mg/kg		2.4 mg/kg	0.00024 %		
20	pyrene	204-927-3	129-00-0		2.2 mg/kg		2.2 mg/kg	0.00022 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.95 mg/kg		0.95 mg/kg	0.000095 %		
22	chrysene	601-048-00-0	205-923-4		1.1 mg/kg		1.1 mg/kg	0.00011 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.4 mg/kg		1.4 mg/kg	0.00014 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.44 mg/kg		0.44 mg/kg	0.000044 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.94 mg/kg		0.94 mg/kg	0.000094 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.63 mg/kg		0.63 mg/kg	0.000063 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.66 mg/kg		0.66 mg/kg	0.000066 %		
Total:								0.0613 %		

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: WS113 / D1

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

Sample details

Sample name:	LoW Code:
WS113 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.50 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.43	mg/kg	1.142	0.491	mg/kg	0.0000491 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				53	mg/kg	1.126	59.672	mg/kg	0.00597 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.29	mg/kg	1.353	0.393	mg/kg	0.0000393 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	120	mg/kg		120	mg/kg	0.012 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.63	mg/kg	1.405	0.885	mg/kg	0.0000885 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				91	mg/kg	2.774	252.447	mg/kg	0.0252 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				6.6	pH		6.6	pH	6.6 pH		
13	naphthalene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		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							
16	fluorene	201-695-5	86-73-7		0.11 mg/kg		0.11 mg/kg	0.000011 %		
17	phenanthrene	201-581-5	85-01-8		2.6 mg/kg		2.6 mg/kg	0.00026 %		
18	anthracene	204-371-1	120-12-7		0.38 mg/kg		0.38 mg/kg	0.000038 %		
19	fluoranthene	205-912-4	206-44-0		4.1 mg/kg		4.1 mg/kg	0.00041 %		
20	pyrene	204-927-3	129-00-0		3.6 mg/kg		3.6 mg/kg	0.00036 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.7 mg/kg		1.7 mg/kg	0.00017 %		
22	chrysene	601-048-00-0	205-923-4		1.9 mg/kg		1.9 mg/kg	0.00019 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.1 mg/kg		2.1 mg/kg	0.00021 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.81 mg/kg		0.81 mg/kg	0.000081 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.5 mg/kg		1.5 mg/kg	0.00015 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.93 mg/kg		0.93 mg/kg	0.000093 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		1.1 mg/kg		1.1 mg/kg	0.00011 %		
Total:								0.0691 %		

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: WS115 / D1

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

Sample details

Sample name:	LoW Code:
WS115 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.80 m	
Moisture content:	
26%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 26% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.56 mg/kg	1.142	0.64 mg/kg	0.000064 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				42 mg/kg	1.462	61.385 mg/kg	0.00614 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				44 mg/kg	1.126	49.539 mg/kg	0.00495 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				30 mg/kg	2.976	89.288 mg/kg	0.00893 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	88 mg/kg		88 mg/kg	0.0088 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.42 mg/kg	1.405	0.59 mg/kg	0.000059 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				32 mg/kg	1.785	57.126 mg/kg	0.00571 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				120 mg/kg	2.774	332.898 mg/kg	0.0333 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.2 pH		6.2 pH	6.2 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.39 mg/kg		0.39 mg/kg	0.000039 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.67 mg/kg		0.67 mg/kg	0.000067 %		
20	pyrene	204-927-3	129-00-0		0.61 mg/kg		0.61 mg/kg	0.000061 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.14 mg/kg		0.14 mg/kg	0.000014 %		
22	chrysene	601-048-00-0	205-923-4		0.18 mg/kg		0.18 mg/kg	0.000018 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.25 mg/kg		0.25 mg/kg	0.000025 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.15 mg/kg		0.15 mg/kg	0.000015 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0708 %		

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: WS117/D1

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

Sample details

Sample name:	LoW Code:
WS117/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.35 mg/kg	1.142	0.4 mg/kg	0.00004 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				23 mg/kg	1.462	33.616 mg/kg	0.00336 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	66.427 mg/kg	0.00664 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.34 mg/kg	1.353	0.46 mg/kg	0.000046 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				26 mg/kg	2.976	77.383 mg/kg	0.00774 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	140 mg/kg		140 mg/kg	0.014 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.8 mg/kg	1.405	1.124 mg/kg	0.000112 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				47 mg/kg	1.785	83.904 mg/kg	0.00839 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				110 mg/kg	2.774	305.156 mg/kg	0.0305 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.3 pH		6.3 pH	6.3 pH			
			pH								
13	naphthalene				0.28 mg/kg		0.28 mg/kg	0.000028 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
		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							
16	fluorene	201-695-5	86-73-7		0.14 mg/kg		0.14 mg/kg	0.000014 %		
17	phenanthrene	201-581-5	85-01-8		2 mg/kg		2 mg/kg	0.0002 %		
18	anthracene	204-371-1	120-12-7		0.41 mg/kg		0.41 mg/kg	0.000041 %		
19	fluoranthene	205-912-4	206-44-0		3.1 mg/kg		3.1 mg/kg	0.00031 %		
20	pyrene	204-927-3	129-00-0		2.9 mg/kg		2.9 mg/kg	0.00029 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.4 mg/kg		1.4 mg/kg	0.00014 %		
22	chrysene	601-048-00-0	205-923-4		1.7 mg/kg		1.7 mg/kg	0.00017 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.8 mg/kg		1.8 mg/kg	0.00018 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.71 mg/kg		0.71 mg/kg	0.000071 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.2 mg/kg		1.2 mg/kg	0.00012 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.9 mg/kg		0.9 mg/kg	0.00009 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.75 mg/kg		0.75 mg/kg	0.000075 %		
Total:								0.0758 %		

Key

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

Classification of sample: WS119/D1

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

Sample details

Sample name:	LoW Code:
WS119/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.20 m	
Moisture content:	
25%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 25% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				19 mg/kg	1.32	25.086 mg/kg	0.00251 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.27 mg/kg	1.142	0.308 mg/kg	0.0000308 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				26 mg/kg	1.462	38 mg/kg	0.0038 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	66.427 mg/kg	0.00664 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.23 mg/kg	1.353	0.311 mg/kg	0.0000311 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				27 mg/kg	2.976	80.359 mg/kg	0.00804 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	82 mg/kg		82 mg/kg	0.0082 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.6 mg/kg	1.405	0.843 mg/kg	0.0000843 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				41 mg/kg	1.785	73.193 mg/kg	0.00732 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				90 mg/kg	2.774	249.673 mg/kg	0.025 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.1 pH		6.1 pH	6.1 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.41 mg/kg		0.41 mg/kg	0.000041 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.97 mg/kg		0.97 mg/kg	0.000097 %		
20	pyrene	204-927-3	129-00-0		0.88 mg/kg		0.88 mg/kg	0.000088 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.34 mg/kg		0.34 mg/kg	0.000034 %		
22	chrysene	601-048-00-0	205-923-4		0.42 mg/kg		0.42 mg/kg	0.000042 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.5 mg/kg		0.5 mg/kg	0.00005 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.15 mg/kg		0.15 mg/kg	0.000015 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.33 mg/kg		0.33 mg/kg	0.000033 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0622 %		

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: WS120/D1

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

Sample details

Sample name:	LoW Code:
WS120/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
16%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.26	mg/kg	1.142	0.297	mg/kg	0.0000297 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				45	mg/kg	1.126	50.665	mg/kg	0.00507 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.23	mg/kg	1.353	0.311	mg/kg	0.0000311 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				26	mg/kg	2.976	77.383	mg/kg	0.00774 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	99	mg/kg		99	mg/kg	0.0099 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.44	mg/kg	1.405	0.618	mg/kg	0.0000618 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				47	mg/kg	1.785	83.904	mg/kg	0.00839 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				91	mg/kg	2.774	252.447	mg/kg	0.0252 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.9	pH		5.9	pH	5.9 pH		
13	naphthalene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		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							
16	fluorene	201-695-5	86-73-7		0.75 mg/kg		0.75 mg/kg	0.000075 %		
17	phenanthrene	201-581-5	85-01-8		7.2 mg/kg		7.2 mg/kg	0.00072 %		
18	anthracene	204-371-1	120-12-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
19	fluoranthene	205-912-4	206-44-0		7.8 mg/kg		7.8 mg/kg	0.00078 %		
20	pyrene	204-927-3	129-00-0		6.6 mg/kg		6.6 mg/kg	0.00066 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		3.3 mg/kg		3.3 mg/kg	0.00033 %		
22	chrysene	601-048-00-0	205-923-4		4.3 mg/kg		4.3 mg/kg	0.00043 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		4.2 mg/kg		4.2 mg/kg	0.00042 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		1.8 mg/kg		1.8 mg/kg	0.00018 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		3 mg/kg		3 mg/kg	0.0003 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		2 mg/kg		2 mg/kg	0.0002 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.35 mg/kg		0.35 mg/kg	0.000035 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		2 mg/kg		2 mg/kg	0.0002 %		
Total:								0.0677 %		

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: WS121/D1

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

Sample details

Sample name:	LoW Code:
WS121/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
29%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.43	mg/kg	1.142	0.491	mg/kg	0.0000491 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				42	mg/kg	1.126	47.287	mg/kg	0.00473 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.41	mg/kg	1.353	0.555	mg/kg	0.0000555 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				20	mg/kg	2.976	59.525	mg/kg	0.00595 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	130	mg/kg		130	mg/kg	0.013 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.71	mg/kg	1.405	0.998	mg/kg	0.0000998 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				110	mg/kg	2.774	305.156	mg/kg	0.0305 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.7	pH		5.7	pH	5.7 pH		
13	naphthalene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		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							
16	fluorene	201-695-5	86-73-7		0.28 mg/kg		0.28 mg/kg	0.000028 %		
17	phenanthrene	201-581-5	85-01-8		2.7 mg/kg		2.7 mg/kg	0.00027 %		
18	anthracene	204-371-1	120-12-7		0.57 mg/kg		0.57 mg/kg	0.000057 %		
19	fluoranthene	205-912-4	206-44-0		4.8 mg/kg		4.8 mg/kg	0.00048 %		
20	pyrene	204-927-3	129-00-0		3.9 mg/kg		3.9 mg/kg	0.00039 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.9 mg/kg		1.9 mg/kg	0.00019 %		
22	chrysene	601-048-00-0	205-923-4		2 mg/kg		2 mg/kg	0.0002 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.5 mg/kg		2.5 mg/kg	0.00025 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.9 mg/kg		0.9 mg/kg	0.00009 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.8 mg/kg		1.8 mg/kg	0.00018 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		1.4 mg/kg		1.4 mg/kg	0.00014 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.19 mg/kg		0.19 mg/kg	0.000019 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		1.1 mg/kg		1.1 mg/kg	0.00011 %		
Total:								0.0694 %		

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: **WS121/D2**

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

Sample details

Sample name:	LoW Code:
WS121/D2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.30-1.30 m	
Moisture content:	
18%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				6 mg/kg	1.32	7.922 mg/kg	0.000792 %			
	033-003-00-0	215-481-4	1327-53-3								
2	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								
3	chromium in chromium(III) compounds { chromium(III) oxide }				17 mg/kg	1.462	24.846 mg/kg	0.00248 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				16 mg/kg	1.126	18.014 mg/kg	0.0018 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				10 mg/kg	2.976	29.763 mg/kg	0.00298 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	29 mg/kg		29 mg/kg	0.0029 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	1.405	<0.281 mg/kg	<0.0000281 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	44.63 mg/kg	0.00446 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				21 mg/kg	2.774	58.257 mg/kg	0.00583 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.2 pH		6.2 pH	6.2 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.16 mg/kg		0.16 mg/kg	0.000016 %		
20	pyrene	204-927-3	129-00-0		0.22 mg/kg		0.22 mg/kg	0.000022 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0216 %		

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: WS123/D1

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

Sample details

Sample name:	LoW Code:
WS123/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
22%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				20 mg/kg	1.32	26.407 mg/kg	0.00264 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.26 mg/kg	1.142	0.297 mg/kg	0.0000297 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				30 mg/kg	1.462	43.847 mg/kg	0.00438 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				38 mg/kg	1.126	42.784 mg/kg	0.00428 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.29 mg/kg	1.353	0.393 mg/kg	0.0000393 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				30 mg/kg	2.976	89.288 mg/kg	0.00893 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	97 mg/kg		97 mg/kg	0.0097 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.62 mg/kg	1.405	0.871 mg/kg	0.0000871 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				46 mg/kg	1.785	82.119 mg/kg	0.00821 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				95 mg/kg	2.774	263.544 mg/kg	0.0264 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.7 pH		5.7 pH	5.7 pH			
			pH								
13	naphthalene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.44 mg/kg		0.44 mg/kg	0.000044 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.56 mg/kg		0.56 mg/kg	0.000056 %		
20	pyrene	204-927-3	129-00-0		0.6 mg/kg		0.6 mg/kg	0.00006 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.18 mg/kg		0.18 mg/kg	0.000018 %		
22	chrysene	601-048-00-0	205-923-4		0.26 mg/kg		0.26 mg/kg	0.000026 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.23 mg/kg		0.23 mg/kg	0.000023 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.16 mg/kg		0.16 mg/kg	0.000016 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.12 mg/kg		0.12 mg/kg	0.000012 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0651 %		

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: WS124/D1

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

Sample details

Sample name:	LoW Code:
WS124/D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				25 mg/kg	1.462	36.539 mg/kg	0.00365 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				42 mg/kg	1.126	47.287 mg/kg	0.00473 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.36 mg/kg	1.353	0.487 mg/kg	0.0000487 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				28 mg/kg	2.976	83.335 mg/kg	0.00833 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	97 mg/kg		97 mg/kg	0.0097 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.67 mg/kg	1.405	0.941 mg/kg	0.0000941 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				44 mg/kg	1.785	78.548 mg/kg	0.00785 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				100 mg/kg	2.774	277.415 mg/kg	0.0277 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.6 pH		5.6 pH	5.6 pH			
			pH								
13	naphthalene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.45 mg/kg		0.45 mg/kg	0.000045 %			
		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							
16	fluorene	201-695-5	86-73-7		0.29 mg/kg		0.29 mg/kg	0.000029 %		
17	phenanthrene	201-581-5	85-01-8		3.1 mg/kg		3.1 mg/kg	0.00031 %		
18	anthracene	204-371-1	120-12-7		0.54 mg/kg		0.54 mg/kg	0.000054 %		
19	fluoranthene	205-912-4	206-44-0		5.7 mg/kg		5.7 mg/kg	0.00057 %		
20	pyrene	204-927-3	129-00-0		4.5 mg/kg		4.5 mg/kg	0.00045 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.7 mg/kg		1.7 mg/kg	0.00017 %		
22	chrysene	601-048-00-0	205-923-4		2.6 mg/kg		2.6 mg/kg	0.00026 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.2 mg/kg		2.2 mg/kg	0.00022 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		2.2 mg/kg		2.2 mg/kg	0.00022 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		1 mg/kg		1 mg/kg	0.0001 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		1.8 mg/kg		1.8 mg/kg	0.00018 %		
Total:								0.0674 %		

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: TP101 / D1

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

Sample details

Sample name:	LoW Code:
TP101 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
25%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 25% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.22 mg/kg	1.142	0.251 mg/kg	0.0000251 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				20 mg/kg	1.462	29.231 mg/kg	0.00292 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				33 mg/kg	1.126	37.154 mg/kg	0.00372 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.3 mg/kg	1.353	0.406 mg/kg	0.0000406 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				22 mg/kg	2.976	65.478 mg/kg	0.00655 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	94 mg/kg		94 mg/kg	0.0094 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.44 mg/kg	1.405	0.618 mg/kg	0.0000618 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				37 mg/kg	1.785	66.052 mg/kg	0.00661 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				76 mg/kg	2.774	210.835 mg/kg	0.0211 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			pH								
13	naphthalene				0.46 mg/kg		0.46 mg/kg	0.000046 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.71 mg/kg		0.71 mg/kg	0.000071 %			
		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							
16	fluorene	201-695-5	86-73-7		0.54 mg/kg		0.54 mg/kg	0.000054 %		
17	phenanthrene	201-581-5	85-01-8		4.8 mg/kg		4.8 mg/kg	0.00048 %		
18	anthracene	204-371-1	120-12-7		0.89 mg/kg		0.89 mg/kg	0.000089 %		
19	fluoranthene	205-912-4	206-44-0		5.6 mg/kg		5.6 mg/kg	0.00056 %		
20	pyrene	204-927-3	129-00-0		4.4 mg/kg		4.4 mg/kg	0.00044 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.9 mg/kg		1.9 mg/kg	0.00019 %		
22	chrysene	601-048-00-0	205-923-4		2.8 mg/kg		2.8 mg/kg	0.00028 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.9 mg/kg		1.9 mg/kg	0.00019 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		1.2 mg/kg		1.2 mg/kg	0.00012 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.7 mg/kg		1.7 mg/kg	0.00017 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.69 mg/kg		0.69 mg/kg	0.000069 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.68 mg/kg		0.68 mg/kg	0.000068 %		
Total:								0.0557 %		

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: TP103 / D1

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

Sample details

Sample name:	LoW Code:
TP103 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
13%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				19 mg/kg	1.32	25.086 mg/kg	0.00251 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.16 mg/kg	1.142	0.183 mg/kg	0.0000183 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				23 mg/kg	1.462	33.616 mg/kg	0.00336 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				37 mg/kg	1.126	41.658 mg/kg	0.00417 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.27 mg/kg	1.353	0.365 mg/kg	0.0000365 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				20 mg/kg	2.976	59.525 mg/kg	0.00595 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	90 mg/kg		90 mg/kg	0.009 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.44 mg/kg	1.405	0.618 mg/kg	0.0000618 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				40 mg/kg	1.785	71.407 mg/kg	0.00714 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				82 mg/kg	2.774	227.48 mg/kg	0.0227 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			pH								
13	naphthalene				0.53 mg/kg		0.53 mg/kg	0.000053 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				1.8 mg/kg		1.8 mg/kg	0.00018 %			
		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							
16	fluorene	201-695-5	86-73-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
17	phenanthrene	201-581-5	85-01-8		11 mg/kg		11 mg/kg	0.0011 %		
18	anthracene	204-371-1	120-12-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
19	fluoranthene	205-912-4	206-44-0		13 mg/kg		13 mg/kg	0.0013 %		
20	pyrene	204-927-3	129-00-0		11 mg/kg		11 mg/kg	0.0011 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		5.1 mg/kg		5.1 mg/kg	0.00051 %		
22	chrysene	601-048-00-0	205-923-4		6.2 mg/kg		6.2 mg/kg	0.00062 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		5.5 mg/kg		5.5 mg/kg	0.00055 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		2.7 mg/kg		2.7 mg/kg	0.00027 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		4.7 mg/kg		4.7 mg/kg	0.00047 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		2.3 mg/kg		2.3 mg/kg	0.00023 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.33 mg/kg		0.33 mg/kg	0.000033 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		2 mg/kg		2 mg/kg	0.0002 %		
Total:								0.0621 %		

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: TP105 / D2

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

Sample details

Sample name:	LoW Code:
TP105 / D2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20-1.20 m	
Moisture content:	
20%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				4.7 mg/kg	1.32	6.206 mg/kg	0.000621 %		
	033-003-00-0	215-481-4	1327-53-3							
2	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							
3	chromium in chromium(III) compounds { chromium(III) oxide }				12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
		215-160-9	1308-38-9							
4	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
	029-002-00-X	215-270-7	1317-39-1							
5	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
6	nickel { nickel chromate }				11 mg/kg	2.976	32.739 mg/kg	0.00327 %		
	028-035-00-7	238-766-5	14721-18-7							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.7 mg/kg		8.7 mg/kg	0.00087 %		
	082-001-00-6									
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<0.2 mg/kg	1.405	<0.281 mg/kg	<0.0000281 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17 mg/kg	1.785	30.348 mg/kg	0.00303 %		
	023-001-00-8	215-239-8	1314-62-1							
10	zinc { zinc chromate }				29 mg/kg	2.774	80.45 mg/kg	0.00805 %		
	024-007-00-3	236-878-9	13530-65-9							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	pH				7.1 pH		7.1 pH	7.1 pH		
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0193 %		

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: TP106 / D1

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

Sample details

Sample name:	LoW Code:
TP106 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.20 m	
Moisture content:	
8.8%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				6.9 mg/kg	1.32	9.11 mg/kg	0.000911 %			
	033-003-00-0	215-481-4	1327-53-3								
2	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								
3	chromium in chromium(III) compounds { chromium(III) oxide }				18 mg/kg	1.462	26.308 mg/kg	0.00263 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				17 mg/kg	1.126	19.14 mg/kg	0.00191 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				18 mg/kg	2.976	53.573 mg/kg	0.00536 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18 mg/kg		18 mg/kg	0.0018 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	1.405	<0.281 mg/kg	<0.0000281 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				24 mg/kg	1.785	42.844 mg/kg	0.00428 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				46 mg/kg	2.774	127.611 mg/kg	0.0128 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.5 pH		6.5 pH	6.5 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.2 mg/kg		0.2 mg/kg	0.00002 %		
20	pyrene	204-927-3	129-00-0		0.2 mg/kg		0.2 mg/kg	0.00002 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.03 %		

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: TP107 / D1

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

Sample details

Sample name:	LoW Code:
TP107 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
13%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				13 mg/kg	1.32	17.164 mg/kg	0.00172 %			
	033-003-00-0	215-481-4	1327-53-3								
2	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								
3	chromium in chromium(III) compounds { chromium(III) oxide }				20 mg/kg	1.462	29.231 mg/kg	0.00292 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	29.273 mg/kg	0.00293 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				18 mg/kg	2.976	53.573 mg/kg	0.00536 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	48 mg/kg		48 mg/kg	0.0048 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.4 mg/kg	1.405	0.562 mg/kg	0.0000562 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				32 mg/kg	1.785	57.126 mg/kg	0.00571 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				58 mg/kg	2.774	160.9 mg/kg	0.0161 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.46 mg/kg		0.46 mg/kg	0.000046 %		
20	pyrene	204-927-3	129-00-0		0.39 mg/kg		0.39 mg/kg	0.000039 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0399 %		

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: TP109 / D1

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

Sample details

Sample name:	LoW Code:
TP109 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
12%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.17 mg/kg	1.142	0.194 mg/kg	0.0000194 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				21 mg/kg	1.462	30.693 mg/kg	0.00307 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				27 mg/kg	1.126	30.399 mg/kg	0.00304 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				23 mg/kg	2.976	68.454 mg/kg	0.00685 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	56 mg/kg		56 mg/kg	0.0056 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.4 mg/kg	1.405	0.562 mg/kg	0.0000562 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				35 mg/kg	1.785	62.481 mg/kg	0.00625 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				67 mg/kg	2.774	185.868 mg/kg	0.0186 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.8 pH		5.8 pH	5.8 pH			
			pH								
13	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.31 mg/kg		0.31 mg/kg	0.000031 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.52 mg/kg		0.52 mg/kg	0.000052 %		
20	pyrene	204-927-3	129-00-0		0.5 mg/kg		0.5 mg/kg	0.00005 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.1 mg/kg		0.1 mg/kg	0.00001 %		
22	chrysene	601-048-00-0	205-923-4		0.14 mg/kg		0.14 mg/kg	0.000014 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.046 %		

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: TP111 / D1

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

Sample details

Sample name:	LoW Code:
TP111 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
18%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.19	mg/kg	1.142	0.217	mg/kg	0.0000217 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.15	mg/kg	1.353	0.203	mg/kg	0.0000203 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				20	mg/kg	2.976	59.525	mg/kg	0.00595 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.69	mg/kg	1.405	0.969	mg/kg	0.0000969 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				80	mg/kg	2.774	221.932	mg/kg	0.0222 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.5	pH		5.5	pH	5.5 pH		
			pH									
13	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.48 mg/kg		0.48 mg/kg	0.000048 %		
18	anthracene	204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.72 mg/kg		0.72 mg/kg	0.000072 %		
20	pyrene	204-927-3	129-00-0		0.68 mg/kg		0.68 mg/kg	0.000068 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.22 mg/kg		0.22 mg/kg	0.000022 %		
22	chrysene	601-048-00-0	205-923-4		0.26 mg/kg		0.26 mg/kg	0.000026 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.11 mg/kg		0.11 mg/kg	0.000011 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.15 mg/kg		0.15 mg/kg	0.000015 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0551 %		

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: TP112 / D1

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

Sample details

Sample name:	LoW Code:
TP112 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.22	mg/kg	1.142	0.251	mg/kg	0.0000251 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.15	mg/kg	1.353	0.203	mg/kg	0.0000203 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				25	mg/kg	2.976	74.407	mg/kg	0.00744 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	73	mg/kg		73	mg/kg	0.0073 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.46	mg/kg	1.405	0.646	mg/kg	0.0000646 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				89	mg/kg	2.774	246.899	mg/kg	0.0247 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.7	pH		5.7	pH	5.7 pH		
13	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.77 mg/kg		0.77 mg/kg	0.000077 %		
18	anthracene	204-371-1	120-12-7		0.14 mg/kg		0.14 mg/kg	0.000014 %		
19	fluoranthene	205-912-4	206-44-0		1 mg/kg		1 mg/kg	0.0001 %		
20	pyrene	204-927-3	129-00-0		0.98 mg/kg		0.98 mg/kg	0.000098 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.32 mg/kg		0.32 mg/kg	0.000032 %		
22	chrysene	601-048-00-0	205-923-4		0.36 mg/kg		0.36 mg/kg	0.000036 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.31 mg/kg		0.31 mg/kg	0.000031 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.12 mg/kg		0.12 mg/kg	0.000012 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.21 mg/kg		0.21 mg/kg	0.000021 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.056 %		

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: TP113 / D1

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

Sample details

Sample name:	LoW Code:
TP113 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
16%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.12	mg/kg	1.142	0.137	mg/kg	0.0000137 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				45	mg/kg	1.126	50.665	mg/kg	0.00507 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.24	mg/kg	1.353	0.325	mg/kg	0.0000325 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				28	mg/kg	2.976	83.335	mg/kg	0.00833 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	94	mg/kg		94	mg/kg	0.0094 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.33	mg/kg	1.405	0.464	mg/kg	0.0000464 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	73.193	mg/kg	0.00732 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				75	mg/kg	2.774	208.061	mg/kg	0.0208 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				7.7	pH		7.7	pH	7.7 pH		
13	naphthalene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
		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							
16	fluorene	201-695-5	86-73-7		0.36 mg/kg		0.36 mg/kg	0.000036 %		
17	phenanthrene	201-581-5	85-01-8		3.2 mg/kg		3.2 mg/kg	0.00032 %		
18	anthracene	204-371-1	120-12-7		0.54 mg/kg		0.54 mg/kg	0.000054 %		
19	fluoranthene	205-912-4	206-44-0		4 mg/kg		4 mg/kg	0.0004 %		
20	pyrene	204-927-3	129-00-0		3.8 mg/kg		3.8 mg/kg	0.00038 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.9 mg/kg		1.9 mg/kg	0.00019 %		
22	chrysene	601-048-00-0	205-923-4		2.3 mg/kg		2.3 mg/kg	0.00023 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.1 mg/kg		2.1 mg/kg	0.00021 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.8 mg/kg		0.8 mg/kg	0.00008 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.5 mg/kg		1.5 mg/kg	0.00015 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.81 mg/kg		0.81 mg/kg	0.000081 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.84 mg/kg		0.84 mg/kg	0.000084 %		
Total:								0.0593 %		

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: TP114 / D1

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

Sample details

Sample name:	LoW Code:
TP114 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.32	mg/kg	1.142	0.366	mg/kg	0.0000366 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				40	mg/kg	1.126	45.036	mg/kg	0.0045 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				28	mg/kg	2.976	83.335	mg/kg	0.00833 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	84	mg/kg		84	mg/kg	0.0084 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.56	mg/kg	1.405	0.787	mg/kg	0.0000787 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				90	mg/kg	2.774	249.673	mg/kg	0.025 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.7	pH		5.7	pH	5.7 pH		
			pH									
13	naphthalene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
		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							
16	fluorene	201-695-5	86-73-7		1 mg/kg		1 mg/kg	0.0001 %		
17	phenanthrene	201-581-5	85-01-8		6.8 mg/kg		6.8 mg/kg	0.00068 %		
18	anthracene	204-371-1	120-12-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
19	fluoranthene	205-912-4	206-44-0		7 mg/kg		7 mg/kg	0.0007 %		
20	pyrene	204-927-3	129-00-0		5.6 mg/kg		5.6 mg/kg	0.00056 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		2.6 mg/kg		2.6 mg/kg	0.00026 %		
22	chrysene	601-048-00-0	205-923-4		3.2 mg/kg		3.2 mg/kg	0.00032 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.7 mg/kg		2.7 mg/kg	0.00027 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		1.2 mg/kg		1.2 mg/kg	0.00012 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.8 mg/kg		1.8 mg/kg	0.00018 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		1.2 mg/kg		1.2 mg/kg	0.00012 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.97 mg/kg		0.97 mg/kg	0.000097 %		
Total:								0.0635 %		

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: TP115 / D1

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

Sample details

Sample name:	LoW Code:
TP115 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
20%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.29	mg/kg	1.142	0.331	mg/kg	0.0000331 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				29	mg/kg	1.462	42.385	mg/kg	0.00424 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				41	mg/kg	1.126	46.161	mg/kg	0.00462 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.32	mg/kg	1.353	0.433	mg/kg	0.0000433 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				28	mg/kg	2.976	83.335	mg/kg	0.00833 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	120	mg/kg		120	mg/kg	0.012 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.67	mg/kg	1.405	0.941	mg/kg	0.0000941 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	80.333	mg/kg	0.00803 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				99	mg/kg	2.774	274.641	mg/kg	0.0275 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.8	pH		5.8	pH	5.8 pH		
			pH									
13	naphthalene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.67 mg/kg		0.67 mg/kg	0.000067 %		
18	anthracene	204-371-1	120-12-7		0.12 mg/kg		0.12 mg/kg	0.000012 %		
19	fluoranthene	205-912-4	206-44-0		1.3 mg/kg		1.3 mg/kg	0.00013 %		
20	pyrene	204-927-3	129-00-0		1.1 mg/kg		1.1 mg/kg	0.00011 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.46 mg/kg		0.46 mg/kg	0.000046 %		
22	chrysene	601-048-00-0	205-923-4		0.65 mg/kg		0.65 mg/kg	0.000065 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.59 mg/kg		0.59 mg/kg	0.000059 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.27 mg/kg		0.27 mg/kg	0.000027 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.4 mg/kg		0.4 mg/kg	0.00004 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0684 %		

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: TP116 / D1

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

Sample details

Sample name:	LoW Code:
TP116 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
17%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				10 mg/kg	1.32	13.203 mg/kg	0.00132 %			
	033-003-00-0	215-481-4	1327-53-3								
2	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								
3	chromium in chromium(III) compounds { chromium(III) oxide }				25 mg/kg	1.462	36.539 mg/kg	0.00365 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				31 mg/kg	1.126	34.903 mg/kg	0.00349 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				20 mg/kg	2.976	59.525 mg/kg	0.00595 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	67 mg/kg		67 mg/kg	0.0067 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.37 mg/kg	1.405	0.52 mg/kg	0.000052 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				40 mg/kg	1.785	71.407 mg/kg	0.00714 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				59 mg/kg	2.774	163.675 mg/kg	0.0164 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.1 pH		6.1 pH	6.1 pH			
13	naphthalene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.71 mg/kg		0.71 mg/kg	0.000071 %		
18	anthracene	204-371-1	120-12-7		0.15 mg/kg		0.15 mg/kg	0.000015 %		
19	fluoranthene	205-912-4	206-44-0		0.91 mg/kg		0.91 mg/kg	0.000091 %		
20	pyrene	204-927-3	129-00-0		0.85 mg/kg		0.85 mg/kg	0.000085 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.33 mg/kg		0.33 mg/kg	0.000033 %		
22	chrysene	601-048-00-0	205-923-4		0.44 mg/kg		0.44 mg/kg	0.000044 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.15 mg/kg		0.15 mg/kg	0.000015 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.23 mg/kg		0.23 mg/kg	0.000023 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.17 mg/kg		0.17 mg/kg	0.000017 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.2 mg/kg		0.2 mg/kg	0.00002 %		
Total:								0.0453 %		

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: TP118 / D1

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

Sample details

Sample name:	LoW Code:
TP118 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.30 m	
Moisture content:	
22%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				19 mg/kg	1.32	25.086 mg/kg	0.00251 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				28 mg/kg	1.462	40.924 mg/kg	0.00409 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				43 mg/kg	1.126	48.413 mg/kg	0.00484 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.34 mg/kg	1.353	0.46 mg/kg	0.000046 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				28 mg/kg	2.976	83.335 mg/kg	0.00833 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110 mg/kg		110 mg/kg	0.011 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.61 mg/kg	1.405	0.857 mg/kg	0.0000857 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				44 mg/kg	1.785	78.548 mg/kg	0.00785 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				110 mg/kg	2.774	305.156 mg/kg	0.0305 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				5.7 pH		5.7 pH	5.7 pH			
			pH								
13	naphthalene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
		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							
16	fluorene	201-695-5	86-73-7		0.11 mg/kg		0.11 mg/kg	0.000011 %		
17	phenanthrene	201-581-5	85-01-8		1.7 mg/kg		1.7 mg/kg	0.00017 %		
18	anthracene	204-371-1	120-12-7		0.34 mg/kg		0.34 mg/kg	0.000034 %		
19	fluoranthene	205-912-4	206-44-0		2.5 mg/kg		2.5 mg/kg	0.00025 %		
20	pyrene	204-927-3	129-00-0		2.1 mg/kg		2.1 mg/kg	0.00021 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.92 mg/kg		0.92 mg/kg	0.000092 %		
22	chrysene	601-048-00-0	205-923-4		1.2 mg/kg		1.2 mg/kg	0.00012 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.1 mg/kg		1.1 mg/kg	0.00011 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.42 mg/kg		0.42 mg/kg	0.000042 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.82 mg/kg		0.82 mg/kg	0.000082 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.42 mg/kg		0.42 mg/kg	0.000042 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		0.45 mg/kg		0.45 mg/kg	0.000045 %		
Total:								0.0707 %		

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: TP119 / D1

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

Sample details

Sample name:	LoW Code:
TP119 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.70 m	
Moisture content:	
21%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				75	mg/kg	1.32	99.024	mg/kg	0.0099 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.23	mg/kg	1.142	0.263	mg/kg	0.0000263 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				48	mg/kg	1.462	70.155	mg/kg	0.00702 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				140	mg/kg	1.126	157.624	mg/kg	0.0158 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				39	mg/kg	2.976	116.074	mg/kg	0.0116 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	210	mg/kg		210	mg/kg	0.021 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.6	mg/kg	1.405	2.248	mg/kg	0.000225 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				71	mg/kg	1.785	126.748	mg/kg	0.0127 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				100	mg/kg	2.774	277.415	mg/kg	0.0277 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				6.2	pH		6.2	pH	6.2 pH		
13	naphthalene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		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							
16	fluorene	201-695-5	86-73-7		0.24 mg/kg		0.24 mg/kg	0.000024 %		
17	phenanthrene	201-581-5	85-01-8		3 mg/kg		3 mg/kg	0.0003 %		
18	anthracene	204-371-1	120-12-7		0.64 mg/kg		0.64 mg/kg	0.000064 %		
19	fluoranthene	205-912-4	206-44-0		4 mg/kg		4 mg/kg	0.0004 %		
20	pyrene	204-927-3	129-00-0		3.4 mg/kg		3.4 mg/kg	0.00034 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.6 mg/kg		1.6 mg/kg	0.00016 %		
22	chrysene	601-048-00-0	205-923-4		2 mg/kg		2 mg/kg	0.0002 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.9 mg/kg		1.9 mg/kg	0.00019 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.76 mg/kg		0.76 mg/kg	0.000076 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.2 mg/kg		1.2 mg/kg	0.00012 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.86 mg/kg		0.86 mg/kg	0.000086 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.5 mg/kg		0.5 mg/kg	0.00005 %		
Total:								0.108 %		

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: TP120 / D1

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

Sample details

Sample name:	LoW Code:
TP120 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.20 m	
Moisture content:	
22%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.36	mg/kg	1.142	0.411	mg/kg	0.0000411 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				54	mg/kg	1.126	60.798	mg/kg	0.00608 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.26	mg/kg	1.353	0.352	mg/kg	0.0000352 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				32	mg/kg	2.976	95.24	mg/kg	0.00952 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.29	mg/kg	1.405	0.407	mg/kg	0.0000407 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				44	mg/kg	1.785	78.548	mg/kg	0.00785 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				100	mg/kg	2.774	277.415	mg/kg	0.0277 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				5.8	pH		5.8	pH	5.8 pH		
13	naphthalene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		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							
16	fluorene	201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
17	phenanthrene	201-581-5	85-01-8		1.6 mg/kg		1.6 mg/kg	0.00016 %		
18	anthracene	204-371-1	120-12-7		0.29 mg/kg		0.29 mg/kg	0.000029 %		
19	fluoranthene	205-912-4	206-44-0		2.4 mg/kg		2.4 mg/kg	0.00024 %		
20	pyrene	204-927-3	129-00-0		2.2 mg/kg		2.2 mg/kg	0.00022 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.95 mg/kg		0.95 mg/kg	0.000095 %		
22	chrysene	601-048-00-0	205-923-4		1.3 mg/kg		1.3 mg/kg	0.00013 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.4 mg/kg		1.4 mg/kg	0.00014 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.46 mg/kg		0.46 mg/kg	0.000046 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1 mg/kg		1 mg/kg	0.0001 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.63 mg/kg		0.63 mg/kg	0.000063 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		0.75 mg/kg		0.75 mg/kg	0.000075 %		
Total:								0.0699 %		

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: TP122 / D1

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

Sample details

Sample name:	LoW Code:
TP122 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
22%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.38	mg/kg	1.142	0.434	mg/kg	0.0000434 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				52	mg/kg	1.126	58.546	mg/kg	0.00585 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.32	mg/kg	1.353	0.433	mg/kg	0.0000433 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	120	mg/kg		120	mg/kg	0.012 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<0.2	mg/kg	1.405	<0.281	mg/kg	<0.0000281 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				110	mg/kg	2.774	305.156	mg/kg	0.0305 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	pH				7.3	pH		7.3	pH	7.3 pH		
			pH									
13	naphthalene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		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							
16	fluorene	201-695-5	86-73-7		0.11 mg/kg		0.11 mg/kg	0.000011 %		
17	phenanthrene	201-581-5	85-01-8		2.4 mg/kg		2.4 mg/kg	0.00024 %		
18	anthracene	204-371-1	120-12-7		0.33 mg/kg		0.33 mg/kg	0.000033 %		
19	fluoranthene	205-912-4	206-44-0		4.7 mg/kg		4.7 mg/kg	0.00047 %		
20	pyrene	204-927-3	129-00-0		4.3 mg/kg		4.3 mg/kg	0.00043 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		2.4 mg/kg		2.4 mg/kg	0.00024 %		
22	chrysene	601-048-00-0	205-923-4		2.6 mg/kg		2.6 mg/kg	0.00026 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		3.1 mg/kg		3.1 mg/kg	0.00031 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		2.2 mg/kg		2.2 mg/kg	0.00022 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		1.6 mg/kg		1.6 mg/kg	0.00016 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		1.4 mg/kg		1.4 mg/kg	0.00014 %		
Total:								0.0737 %		

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: TP123 / D1

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

Sample details

Sample name:	LoW Code:
TP123 / D1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.00-0.40 m	
Moisture content:	
24%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 24% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				27 mg/kg	1.32	35.649 mg/kg	0.00356 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.55 mg/kg	1.142	0.628 mg/kg	0.0000628 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				26 mg/kg	1.462	38 mg/kg	0.0038 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				85 mg/kg	1.126	95.701 mg/kg	0.00957 %			
	029-002-00-X	215-270-7	1317-39-1								
5	mercury { mercury dichloride }				0.4 mg/kg	1.353	0.541 mg/kg	0.0000541 %			
	080-010-00-X	231-299-8	7487-94-7								
6	nickel { nickel chromate }				36 mg/kg	2.976	107.146 mg/kg	0.0107 %			
	028-035-00-7	238-766-5	14721-18-7								
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150 mg/kg		150 mg/kg	0.015 %			
	082-001-00-6										
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.56 mg/kg	1.405	0.787 mg/kg	0.0000787 %			
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				46 mg/kg	1.785	82.119 mg/kg	0.00821 %			
	023-001-00-8	215-239-8	1314-62-1								
10	zinc { zinc chromate }				150 mg/kg	2.774	416.122 mg/kg	0.0416 %			
	024-007-00-3	236-878-9	13530-65-9								
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	pH				6.5 pH		6.5 pH	6.5 pH			
			pH								
13	naphthalene				0.4 mg/kg		0.4 mg/kg	0.00004 %			
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
		205-917-1	208-96-8								
15	acenaphthene				0.48 mg/kg		0.48 mg/kg	0.000048 %			
		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							
16	fluorene	201-695-5	86-73-7		0.41 mg/kg		0.41 mg/kg	0.000041 %		
17	phenanthrene	201-581-5	85-01-8		6.7 mg/kg		6.7 mg/kg	0.00067 %		
18	anthracene	204-371-1	120-12-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
19	fluoranthene	205-912-4	206-44-0		11 mg/kg		11 mg/kg	0.0011 %		
20	pyrene	204-927-3	129-00-0		9.8 mg/kg		9.8 mg/kg	0.00098 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6		5 mg/kg		5 mg/kg	0.0005 %		
22	chrysene	601-048-00-0	205-923-4		5.8 mg/kg		5.8 mg/kg	0.00058 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		6.8 mg/kg		6.8 mg/kg	0.00068 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		2.2 mg/kg		2.2 mg/kg	0.00022 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		5 mg/kg		5 mg/kg	0.0005 %		
26	indeno[123-cd]pyrene	205-893-2	193-39-5		3.5 mg/kg		3.5 mg/kg	0.00035 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.65 mg/kg		0.65 mg/kg	0.000065 %		
28	benzo[ghi]perylene	205-883-8	191-24-2		3.1 mg/kg		3.1 mg/kg	0.00031 %		
Total:								0.099 %		

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: TP124 / D1

 **Hazardous Waste**
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
TP124 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-1.00 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
35%	
(no correction)	

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.15%)

Determinands

Moisture content: **35% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				51	mg/kg	1.32	67.337	mg/kg	0.00673 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.28	mg/kg	1.142	0.32	mg/kg	0.000032 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				180	mg/kg	1.126	202.66	mg/kg	0.0203 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.59	mg/kg	1.353	0.799	mg/kg	0.0000799 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				49	mg/kg	2.976	145.837	mg/kg	0.0146 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1500	mg/kg		1500	mg/kg	0.15 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				0.28	mg/kg	1.405	0.393	mg/kg	0.0000393 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				220	mg/kg	2.774	610.312	mg/kg	0.061 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									

#	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							
12	• pH		PH		6.7 pH		6.7 pH	6.7 pH		
13	naphthalene	601-052-00-2	202-049-5	91-20-3	0.25 mg/kg		0.25 mg/kg	0.000025 %		
14	• acenaphthylene		205-917-1	208-96-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
15	• acenaphthene		201-469-6	83-32-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
16	• fluorene		201-695-5	86-73-7	0.11 mg/kg		0.11 mg/kg	0.000011 %		
17	• phenanthrene		201-581-5	85-01-8	2.3 mg/kg		2.3 mg/kg	0.00023 %		
18	• anthracene		204-371-1	120-12-7	0.93 mg/kg		0.93 mg/kg	0.000093 %		
19	• fluoranthene		205-912-4	206-44-0	4.7 mg/kg		4.7 mg/kg	0.00047 %		
20	• pyrene		204-927-3	129-00-0	4.2 mg/kg		4.2 mg/kg	0.00042 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.5 mg/kg		2.5 mg/kg	0.00025 %		
22	chrysene	601-048-00-0	205-923-4	218-01-9	2.7 mg/kg		2.7 mg/kg	0.00027 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.8 mg/kg		2.8 mg/kg	0.00028 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.1 mg/kg		1.1 mg/kg	0.00011 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.1 mg/kg		2.1 mg/kg	0.00021 %		
26	• indeno[123-cd]pyrene		205-893-2	193-39-5	1.2 mg/kg		1.2 mg/kg	0.00012 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.22 mg/kg		0.22 mg/kg	0.000022 %		
28	• benzo[ghi]perylene		205-883-8	191-24-2	1.2 mg/kg		1.2 mg/kg	0.00012 %		
Total:								0.268 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
•	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: TP127 / D1

 **Hazardous Waste**
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
TP127 / D1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-1.00 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
22%	
(no correction)	

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.1%)

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				53	mg/kg	1.32	69.977	mg/kg	0.007 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.83	mg/kg	1.142	0.948	mg/kg	0.0000948 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide }				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
		215-160-9	1308-38-9									
4	copper { dicopper oxide; copper (I) oxide }				81	mg/kg	1.126	91.197	mg/kg	0.00912 %		
	029-002-00-X	215-270-7	1317-39-1									
5	mercury { mercury dichloride }				0.29	mg/kg	1.353	0.393	mg/kg	0.0000393 %		
	080-010-00-X	231-299-8	7487-94-7									
6	nickel { nickel chromate }				49	mg/kg	2.976	145.837	mg/kg	0.0146 %		
	028-035-00-7	238-766-5	14721-18-7									
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1000	mg/kg		1000	mg/kg	0.1 %		
	082-001-00-6											
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.9	mg/kg	1.405	2.669	mg/kg	0.000267 %		
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				76	mg/kg	1.785	135.674	mg/kg	0.0136 %		
	023-001-00-8	215-239-8	1314-62-1									
10	zinc { zinc chromate }				150	mg/kg	2.774	416.122	mg/kg	0.0416 %		
	024-007-00-3	236-878-9	13530-65-9									
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									

#	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							
12	• pH		PH		8.3 pH		8.3 pH	8.3 pH		
13	naphthalene	601-052-00-2	202-049-5	91-20-3	0.68 mg/kg		0.68 mg/kg	0.000068 %		
14	• acenaphthylene		205-917-1	208-96-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
15	• acenaphthene		201-469-6	83-32-9	0.27 mg/kg		0.27 mg/kg	0.000027 %		
16	• fluorene		201-695-5	86-73-7	0.16 mg/kg		0.16 mg/kg	0.000016 %		
17	• phenanthrene		201-581-5	85-01-8	1.3 mg/kg		1.3 mg/kg	0.00013 %		
18	• anthracene		204-371-1	120-12-7	0.19 mg/kg		0.19 mg/kg	0.000019 %		
19	• fluoranthene		205-912-4	206-44-0	1.3 mg/kg		1.3 mg/kg	0.00013 %		
20	• pyrene		204-927-3	129-00-0	1.3 mg/kg		1.3 mg/kg	0.00013 %		
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.37 mg/kg		0.37 mg/kg	0.000037 %		
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.4 mg/kg		0.4 mg/kg	0.00004 %		
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	• indeno[123-cd]pyrene		205-893-2	193-39-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	• benzo[ghi]perylene		205-883-8	191-24-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.191 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
•	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

■ pH (CAS Number: PH)

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

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

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: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Rep. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

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

■ 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

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)

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(III) compounds {chromium(III) oxide}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (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)

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)

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

The absence of chromium VI within the soil samples indicates that lead chromate could not be within the site soils. Given this the next most conservative compound has been selected, based on the site not being hardstooed and leaching considered possible.

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

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

vanadium {divanadium pentaoxide; vanadium pentoxide}

Most conservative species.

zinc {zinc chromate}

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

chromium in chromium(VI) compounds {chromium(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (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

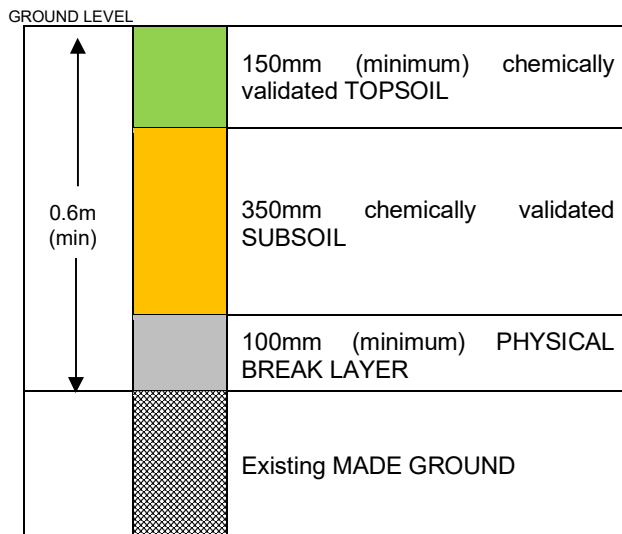
APPENDIX I

ENVIRONMENTAL COVER SYSTEM CONSTRUCTION

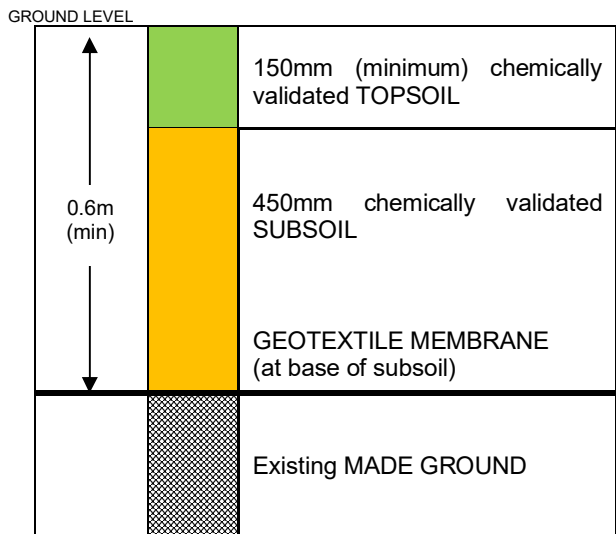
Private Gardens
Shared Landscaping

PRIVATE BACK GARDENS:

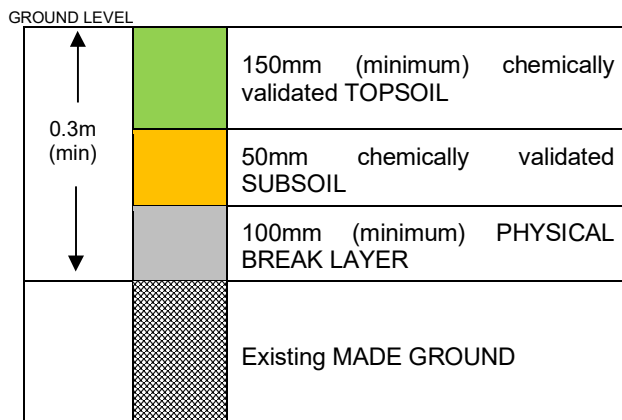
Either (physical break layer)



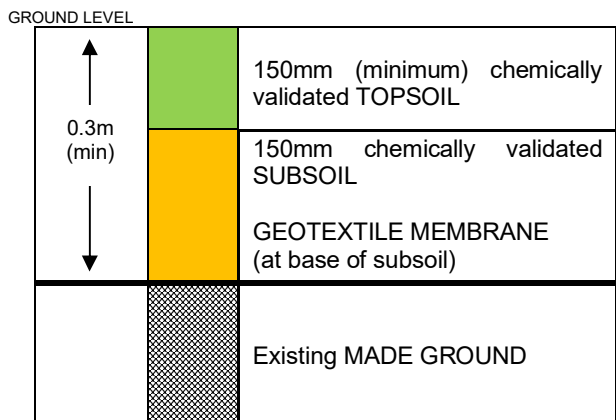
Or (geotextile membrane)

**PRIVATE FRONT GARDENS / SHARED LANDSCAPING:**

Either (physical break layer)



Or (geotextile membrane)



Hardstood Areas – No Remediation Required

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