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LABORATORY REPORT

CONTRACT NUMBER: CCG-C-19-11344

CONTRACT TITLE: CHEETHAM HILL ROAD, MANCHESTER

CLIENT: CORSTORPHINE & WRIGHT

DATE RECEIVED: 27/11/19
DATE COMMENCED: 27/11/19
DATE COMPLETED: 02/12/19
REPORT DATE: 02/12/19

Test Description	Qty
Determination of Moisture Content BS 1377-2:1990 (a)	4
Determination of Liquid & Plastic Limits BS 1377-2:1990 (a)	3

Notes: Observations and interpretations are not accredited by UKAS

denotes non-accredited test

a denotes UKAS accredited test

s denotes test undertaken by approved subcontractor

This report is issued in accordance with the requirements of the United Kingdom Accreditation Services and EN ISO/IEC 17025:2005. The results reported herein relate only to the material supplied to the laboratory. This report shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved Signatories: Chris Bolan (Managing Director) – Daniel Kerfoot (Laboratory Manager)

SUMMARY OF LABORATORY SOIL TEST RESULTS

BH / TP / WS Number	Sample Type	Depth From (m)	Depth To (m)	Moisture Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)	Shear Strength (kN/m ²)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 0.425mm (%)	Soil Classification	UKAS accredited test (Y/N)	Description / Test Method Samples described in accordance with BS EN ISO 14688-2 2004
WS1	WS	2.70	2.70	16	-	-	-	46	22	24	99	CI	Y	Brown slightly sandy silty CLAY. (BS1377Pt2:3.2,4.4,5)
WS1	WS	3.70	3.70	20	-	-	-	45	22	23	99	CI	Y	Brown slightly sandy silty CLAY. (BS1377Pt2:3.2,4.4,5)
WS4	WS	2.20	2.20	15	-	-	-	43	20	23	100	CI	Y	Brown slightly sandy silty CLAY. (BS1377Pt2:3.2,4.4,5)
WS4	WS	3.20	3.20	18	-	-	-	47	20	27	99	CI	Y	Brown slightly sandy silty CLAY. (BS1377Pt2:3.2,4.4,5)

SITE: CHEETHAM HILL ROAD, MANCHESTER (CCG-C-19-11344)
 CLIENT: CORSTORPHINE & WRIGHT

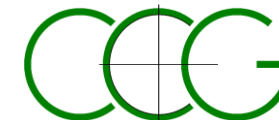
DATE: 02.12.19

Key:- BD = Bulk Disturbed; SD = Small Disturbed; U100 = Undisturbed 100mm; WS = Window Sample

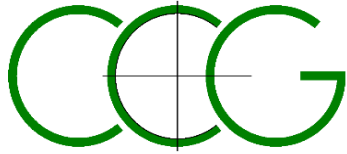
CL = Low Plasticity; CI = Intermediate; CH = High; CV = Very high; CE = Extremely high; NP = Non-plastic

(* Denotes Hand Shear Vane test result)

Sample description not accredited by UKAS



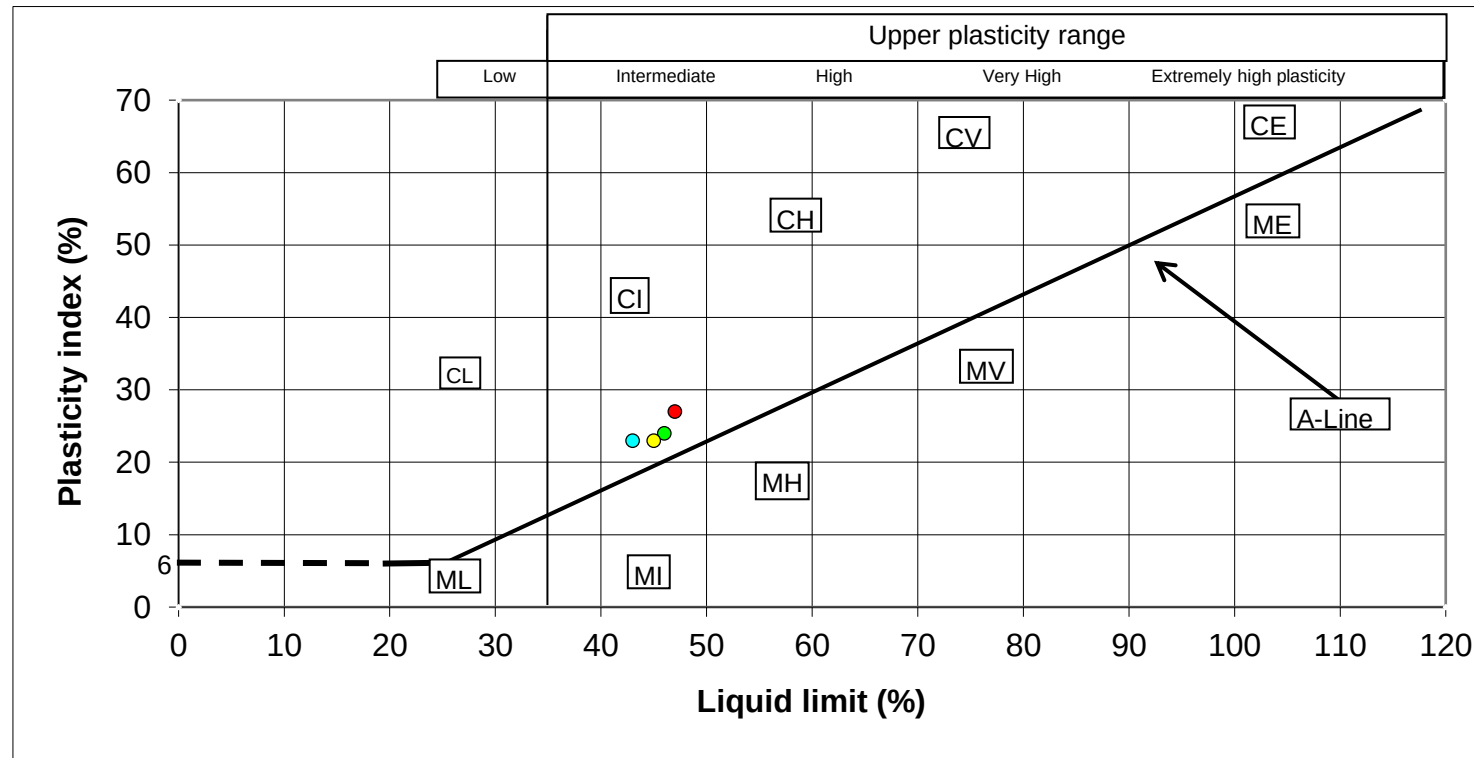
11344 RES



ATTERBERG TEST RESULT SHEET

BS 1377:Part 2:1990:cl 4.4,5

SILT (M-SOIL), M plots below A-Line , CLAY,C, plots above A-Line, M and C may be combined as FINE SOIL, F.



BH	Sample Depth	Liquid limit	Plasticity index
WS1	2.70	46.0	24.0
WS1	3.70	45.0	23.0
WS4	2.20	43.0	23.0
WS4	3.20	47.0	27.0



4514

APPROVED BY DK

CLIENT: CORSTORPHINE & WRIGHT SITE: CHEETHAM HILL ROAD, MANCHESTER (CCG-C-19-11344)

CCG-CMS-FO-204 Issue 2

APPENDIX H

CHEMICAL ANALYSIS REPORTS



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THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 19-25920

Issue: 1

Date of Issue: 02/12/2019

Contact: Daniel Evans

Customer Details: CC Geotechnical Ltd
Unit 1 & 2 Deltic Place
Deltic Way
Liverpool
Merseyside L33 7BA

Quotation No: Q14-00045

Order No: Not Supplied

Customer Reference: 19-11344

Date Received: 25/11/2019

Date Approved: 02/12/2019

Details: Cheetham Hill Road, Manchester

Approved by: 

John Wilson, Quality Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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Sample Summary

Report No.: 19-25920, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
190577	WS1 MG 0.50	20/11/2019	25/11/2019	Sandy silty loam	
190578	WS1 MG 0.80	20/11/2019	25/11/2019	Silty loam	
190579	WS2 MG 0.50	20/11/2019	25/11/2019	Silty clayey loam	
190580	WS2 MG 0.80	20/11/2019	25/11/2019	Sandy silty loam	
190581	WS3 MG 0.50	20/11/2019	25/11/2019	Sandy clayey loam	
190582	WS3 MG 0.80	20/11/2019	25/11/2019	Sandy silty loam	
190583	WS4 MG 0.50	20/11/2019	25/11/2019	Sandy silty loam	

Results Summary

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Report No.: 19-25920, issue number 1

ELAB Reference	190577	190578	190579	190580	190581
Customer Reference	MG	MG	MG	MG	MG
Sample ID					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS1	WS1	WS2	WS2	WS3
Sample Depth (m)	0.50	0.80	0.50	0.80	0.50
Sampling Date	20/11/2019	20/11/2019	20/11/2019	20/11/2019	20/11/2019

Determinand	Codes	Units	LOD					
Soil sample preparation parameters								
Material removed	N	%	0.1	< 0.1	< 0.1	< 0.1	23.0	< 0.1
Description of Inert material removed	N		0	None	None	None	Stones,brick	None
Metals								
Arsenic	M	mg/kg	1	6.8	n/t	10.1	n/t	14.6
Cadmium	M	mg/kg	0.5	< 0.5	n/t	< 0.5	n/t	< 0.5
Chromium	M	mg/kg	5	22.0	n/t	33.9	n/t	33.9
Copper	M	mg/kg	5	22.9	n/t	45.9	n/t	50.3
Lead	M	mg/kg	5	25.0	n/t	86.4	n/t	98.0
Mercury	M	mg/kg	0.5	3.5	n/t	0.6	n/t	< 0.5
Nickel	M	mg/kg	5	29.5	n/t	36.6	n/t	37.8
Selenium	M	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
Zinc	M	mg/kg	5	55.1	n/t	95.4	n/t	107
Anions								
Water Soluble Sulphate	M	g/l	0.02	0.04	n/t	0.03	n/t	0.17
Inorganics								
Free Cyanide	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	n/t	< 0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2	< 2	n/t	< 2	n/t	< 2
Acid Soluble Sulphate (SO4)	U	%	0.02	0.04	n/t	0.03	n/t	0.06
Water Soluble Boron	N	mg/kg	0.5	< 0.5	n/t	0.7	n/t	0.7
Miscellaneous								
pH	M	pH units	0.1	8.6	n/t	8.4	n/t	8.0
Soil Organic Matter	U	%	0.1	0.6	n/t	1.0	n/t	1.6
Total Organic Carbon	N	%	0.01	n/t	4.0	n/t	2.3	n/t
Polyaromatic hydrocarbons								
Naphthalene	M	mg/kg	0.1	< 0.1	n/t	0.4	n/t	< 0.1
Acenaphthylene	M	mg/kg	0.1	< 0.1	n/t	0.4	n/t	< 0.1
Acenaphthene	M	mg/kg	0.1	< 0.1	n/t	1.3	n/t	0.4
Fluorene	M	mg/kg	0.1	< 0.1	n/t	1.2	n/t	0.2
Phenanthrene	M	mg/kg	0.1	< 0.1	n/t	9.3	n/t	3.1
Anthracene	M	mg/kg	0.1	< 0.1	n/t	2.3	n/t	0.7
Fluoranthene	M	mg/kg	0.1	< 0.1	n/t	11.0	n/t	5.1
Pyrene	M	mg/kg	0.1	< 0.1	n/t	10.5	n/t	5.1
Benzo(a)anthracene	M	mg/kg	0.1	< 0.1	n/t	4.8	n/t	2.3
Chrysene	M	mg/kg	0.1	< 0.1	n/t	5.8	n/t	2.9
Benzo(b)fluoranthene	M	mg/kg	0.1	< 0.1	n/t	3.9	n/t	2.1
Benzo(k)fluoranthene	M	mg/kg	0.1	< 0.1	n/t	4.1	n/t	2.2
Benzo(a)pyrene	M	mg/kg	0.1	< 0.1	n/t	4.3	n/t	2.3
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	< 0.1	n/t	2.9	n/t	1.5
Dibenzo(a,h)anthracene	M	mg/kg	0.1	< 0.1	n/t	0.7	n/t	0.4
Benzo[g,h,i]perylene	M	mg/kg	0.1	< 0.1	n/t	2.8	n/t	1.5
Total PAH(16)	M	mg/kg	0.4	< 0.4	n/t	65.7	n/t	30.0



Results Summary

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Report No.: 19-25920, issue number 1

ELAB Reference				190577	190578	190579	190580	190581
Customer Reference				MG	MG	MG	MG	MG
Sample ID								
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS1	WS1	WS2	WS2	WS3
Sample Depth (m)				0.50	0.80	0.50	0.80	0.50
Sampling Date				20/11/2019	20/11/2019	20/11/2019	20/11/2019	20/11/2019
Determinand	Codes	Units	LOD					
BTEX								
Benzene	N	ug/kg	10	< 10.0	n/t	< 10.0	n/t	< 10.0
Toluene	N	ug/kg	10	< 10.0	n/t	< 10.0	n/t	< 10.0
Ethylbenzene	N	ug/kg	10	< 10.0	n/t	< 10.0	n/t	< 10.0
Xylenes	N	ug/kg	10	< 10.0	n/t	< 10.0	n/t	< 10.0
TPH CWG								
>C5-C6 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01
>C6-C8 Aliphatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C12-C16 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C16-C21 Aliphatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C21-C35 Aliphatic	N	mg/kg	1	4.9	n/t	1.9	n/t	< 1.0
>C35-C40 Aliphatic	N	mg/kg	1	1.0	n/t	< 1.0	n/t	< 1.0
>C5-C7 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01
>C7-C8 Aromatic	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C12-C16 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C16-C21 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C21-C35 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
>C35-C40 Aromatic	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0
Total (>C5-C40) Ali/Aro	N	mg/kg	1	5.9	n/t	1.9	n/t	< 1.0

Results Summary

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Report No.: 19-25920, issue number 1

ELAB Reference	190582	190583
Customer Reference	MG	MG
Sample ID		
Sample Type	SOIL	SOIL
Sample Location	WS3	WS4
Sample Depth (m)	0.80	0.50
Sampling Date	20/11/2019	20/11/2019

Determinand	Codes	Units	LOD		
Soil sample preparation parameters					
Material removed	N	%	0.1	23.3	57.6
Description of Inert material removed	N		0	Stones,brick	Stones,brick
Metals					
Arsenic	M	mg/kg	1	n/t	14.7
Cadmium	M	mg/kg	0.5	n/t	1.0
Chromium	M	mg/kg	5	n/t	27.9
Copper	M	mg/kg	5	n/t	70.2
Lead	M	mg/kg	5	n/t	930
Mercury	M	mg/kg	0.5	n/t	< 0.5
Nickel	M	mg/kg	5	n/t	25.1
Selenium	M	mg/kg	1	n/t	< 1.0
Zinc	M	mg/kg	5	n/t	371
Anions					
Water Soluble Sulphate	M	g/l	0.02	n/t	0.10
Inorganics					
Free Cyanide	N	mg/kg	1	n/t	< 1.0
Hexavalent Chromium	N	mg/kg	0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2	n/t	< 2
Acid Soluble Sulphate (SO4)	U	%	0.02	n/t	0.11
Water Soluble Boron	N	mg/kg	0.5	n/t	0.7
Miscellaneous					
pH	M	pH units	0.1	n/t	10.1
Soil Organic Matter	U	%	0.1	n/t	3.2
Total Organic Carbon	N	%	0.01	2.5	n/t
Polyaromatic hydrocarbons					
Naphthalene	M	mg/kg	0.1	n/t	0.2
Acenaphthylene	M	mg/kg	0.1	n/t	0.3
Acenaphthene	M	mg/kg	0.1	n/t	0.3
Fluorene	M	mg/kg	0.1	n/t	0.2
Phenanthrene	M	mg/kg	0.1	n/t	1.7
Anthracene	M	mg/kg	0.1	n/t	0.5
Fluoranthene	M	mg/kg	0.1	n/t	2.5
Pyrene	M	mg/kg	0.1	n/t	2.7
Benzo(a)anthracene	M	mg/kg	0.1	n/t	1.1
Chrysene	M	mg/kg	0.1	n/t	1.8
Benzo(b)fluoranthene	M	mg/kg	0.1	n/t	1.3
Benzo(k)fluoranthene	M	mg/kg	0.1	n/t	2.0
Benzo(a)pyrene	M	mg/kg	0.1	n/t	1.3
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	n/t	1.5
Dibenzo(a,h)anthracene	M	mg/kg	0.1	n/t	0.4
Benzo[g,h,i]perylene	M	mg/kg	0.1	n/t	1.3
Total PAH(16)	M	mg/kg	0.4	n/t	19.2



Results Summary

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Report No.: 19-25920, issue number 1

ELAB Reference	190582	190583
Customer Reference	MG	MG
Sample ID		
Sample Type	SOIL	SOIL
Sample Location	WS3	WS4
Sample Depth (m)	0.80	0.50
Sampling Date	20/11/2019	20/11/2019

Determinand	Codes	Units	LOD		
BTEX					
Benzene	N	ug/kg	10	n/t	< 10.0
Toluene	N	ug/kg	10	n/t	< 10.0
Ethylbenzene	N	ug/kg	10	n/t	< 10.0
Xylenes	N	ug/kg	10	n/t	< 10.0
TPH CWG					
>C5-C6 Aliphatic	N	mg/kg	0.01	n/t	< 0.01
>C6-C8 Aliphatic	N	mg/kg	0.01	n/t	< 0.01
>C8-C10 Aliphatic	N	mg/kg	1	n/t	2.3
>C10-C12 Aliphatic	N	mg/kg	1	n/t	5.8
>C12-C16 Aliphatic	N	mg/kg	1	n/t	22.7
>C16-C21 Aliphatic	N	mg/kg	1	n/t	15.7
>C21-C35 Aliphatic	N	mg/kg	1	n/t	417
>C35-C40 Aliphatic	N	mg/kg	1	n/t	290
>C5-C7 Aromatic	N	mg/kg	0.01	n/t	< 0.01
>C7-C8 Aromatic	N	mg/kg	0.01	n/t	< 0.01
>C8-C10 Aromatic	N	mg/kg	1	n/t	< 1.0
>C10-C12 Aromatic	N	mg/kg	1	n/t	< 1.0
>C12-C16 Aromatic	N	mg/kg	1	n/t	2.8
>C16-C21 Aromatic	N	mg/kg	1	n/t	9.9
>C21-C35 Aromatic	N	mg/kg	1	n/t	267
>C35-C40 Aromatic	N	mg/kg	1	n/t	235
Total (>C5-C40) Ali/Aro	N	mg/kg	1	n/t	1270



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Results Summary
Report No.: 19-25920, issue number 1

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #)
in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
190577	0.50	WS1 MG	Brown Sandy Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
190579	0.50	WS2 MG	Brown Sandy Soil,Stones,Brick	No asbestos detected	n/t	n/t	n/t	n/t
190581	0.50	WS3 MG	Brown Sandy Soil,Stones,Brick	No asbestos detected	n/t	n/t	n/t	n/t
190583	0.50	WS4 MG	Brown Sandy Soil,Stones,Brick,Concrete	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 19-25920, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Free cyanide	N	As submitted sample	27/11/2019	107	Colorimetry
Sulphide	N	As submitted sample	28/11/2019	109	Colorimetry
Hexavalent chromium	N	As submitted sample	27/11/2019	110	Colorimetry
pH	M	Air dried sample	28/11/2019	113	Electromeric
Acid Soluble Sulphate	U	Air dried sample	28/11/2019	115	Ion Chromatography
Aqua regia extractable metals	M	Air dried sample	27/11/2019	118	ICPMS
PAH (GC-FID)	M	As submitted sample	27/11/2019	133	GC-FID
Water soluble anions	M	Air dried sample	27/11/2019	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	28/11/2019	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	28/11/2019	181	GC-MS
BTEX in solids	N	As submitted sample	28/11/2019	181A	GC-MS
Water soluble boron	N	Air dried sample	28/11/2019	202	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	28/11/2019	210	IR
Aliphatic hydrocarbons in soil	N	As submitted sample	27/11/2019	214	GC-FID
Aliphatic/Aromatic hydrocarbons in soil	N	As submitted sample	28/11/2019	214	GC-FID
Aromatic hydrocarbons in soil	N	As submitted sample	27/11/2019	214	GC-FID
Soil organic matter	U	Air dried sample	29/11/2019	BS1377:P3	Titrimetry
Asbestos identification	U	Air dried sample	28/11/2019	PMAN	Microscopy

Tests marked N are not UKAS accredited

Report Information

Report No.: 19-25920, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

-
- | | |
|---|--|
| a | No date of sampling supplied |
| b | No time of sampling supplied (Waters Only) |
| c | Sample not received in appropriate containers |
| d | Sample not received in cooled condition |
| e | The container has been incorrectly filled |
| f | Sample age exceeds stability time (sampling to receipt) |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage



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THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 19-25978

Issue: 1

Date of Issue: 02/12/2019

Contact: Daniel Evans

Customer Details: CC Geotechnical Ltd
Unit 1 & 2 Deltic Place
Deltic Way
Liverpool
Merseyside L33 7BA

Quotation No: Q14-00045

Order No: Not Supplied

Customer Reference: CCG-C-19-11344

Date Received: 28/11/2019

Date Approved: 02/12/2019

Details: Cheetham Hill Road, Manchester

Approved by: 

John Wilson, Quality Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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Sample Summary

Report No.: 19-25978, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
190858	WS1 2.20	20/11/2019	28/11/2019	Silty clayey loam	
190859	WS1 3.20	20/11/2019	28/11/2019	Clay	
190860	WS4 2.80	20/11/2019	28/11/2019	Silty clayey loam	
190861	WS4 3.80	20/11/2019	28/11/2019	Clayey loam	



Results Summary

2683

Report No.: 19-25978, issue number 1

ELAB Reference				190858	190859	190860	190861
Customer Reference							
Sample ID							
Sample Type				SOIL	SOIL	SOIL	SOIL
Sample Location				WS1	WS1	WS4	WS4
Sample Depth (m)				2.20	3.20	2.80	3.80
Sampling Date				20/11/2019	20/11/2019	20/11/2019	20/11/2019
Determinand	Codes	Units	LOD				
Soil sample preparation parameters							
Material removed	N	%	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	None	None	None	None
Anions							
Water Soluble Sulphate	M	mg/l	20	29	21	42	48
Miscellaneous							
pH	M	pH units	0.1	8.6	8.6	8.5	8.5



Method Summary

Report No.: 19-25978, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
pH	M	Air dried sample	02/12/2019	113	Electromeric
Water soluble anions	M	Air dried sample	29/11/2019	172	Ion Chromatography

Report Information

Report No.: 19-25978, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

-
- | | |
|---|--|
| a | No date of sampling supplied |
| b | No time of sampling supplied (Waters Only) |
| c | Sample not received in appropriate containers |
| d | Sample not received in cooled condition |
| e | The container has been incorrectly filled |
| f | Sample age exceeds stability time (sampling to receipt) |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

APPENDIX I

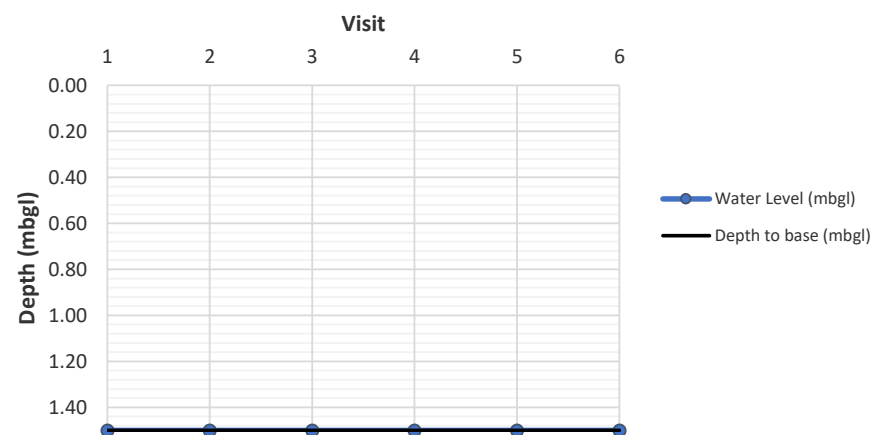
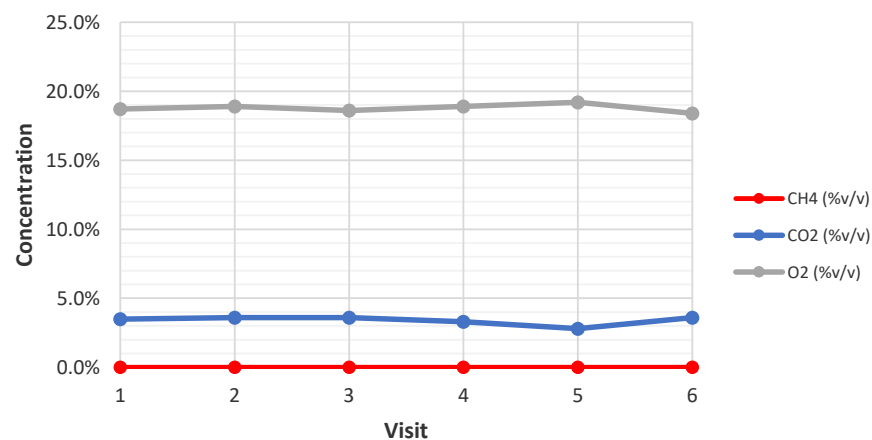
GAS AND GROUNDWATER MONITORING



GROUND GAS AND GROUNDWATER MONITORING DATA

Job Number:	CCG-C-20-11643	Date of Installation:	15/05/2020
Site:	303 Cheetham Hill Road, Manchester	Monitoring programme:	6 Visits / 3 Months
Client:	Corstorphine + Wright	Instrument used:	GFM
Location Reference:	S1	Logged by:	DE
Installation Depth (mbgl):	1.50	Approved by:	CB

Visit	Monitoring date	Weather Conditions					Monitoring Data							
		Cloud Cover	Wind Velocity	Precipitation	State of Ground	Atmospheric Pressure (mb)	CH ₄ (%v/v)	CO ₂ (%v/v)	O ₂ (%v/v)	Flow Rate (l/hr)	H ₂ S (ppm)	CO (ppm)	Water Level (mbgl)	Depth to base (mbgl)
1	22/05/2020	Overcast	Strong wind	Dry	Dry	1001	0.0%	3.5%	18.7%	<0.1	0.0	0.0	Dry	1.50
2	05/06/2020	Overcast	Light Breeze	Dry	Dry	993	0.0%	3.6%	18.9%	<0.1	0.0	0.0	Dry	1.50
3	19/06/2020	Overcast	Light Breeze	Dry	Dry	1009	0.0%	3.6%	18.6%	<0.1	0.0	0.0	Dry	1.50
4	03/07/2020	Overcast	Light Breeze	Rain	Wet	1008	0.0%	3.3%	18.9%	<0.1	0.0	0.0	Dry	1.50
5	16/07/2020	Overcast	Light Breeze	Dry	Dry	1010	0.0%	2.8%	19.2%	<0.1	0.0	0.0	Dry	1.50
6	24/08/2020	Overcast	Light Breeze	Dry	Dry	1014	0.0%	3.6%	18.4%	<0.1	0.0	0.0	Dry	1.50

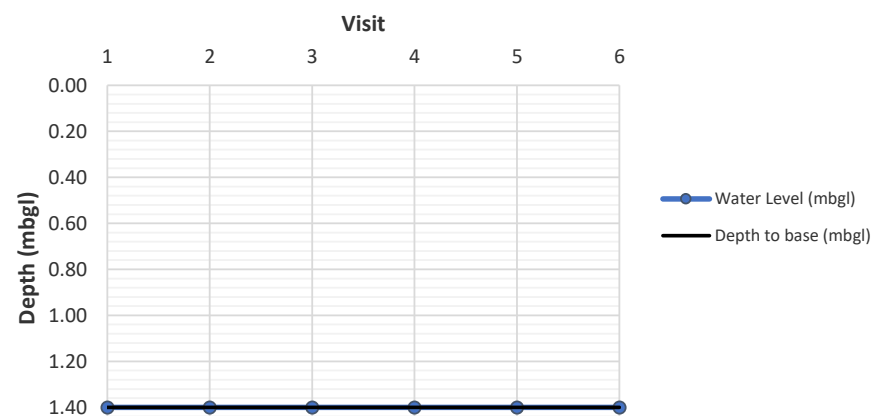
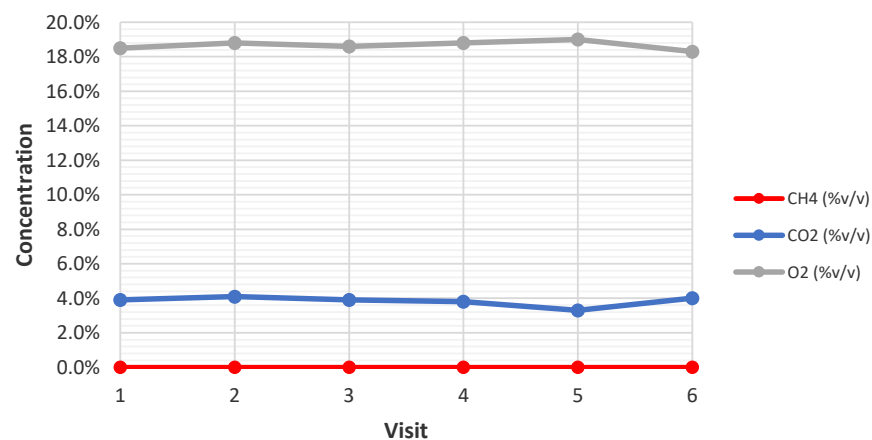




GROUND GAS AND GROUNDWATER MONITORING DATA

Job Number:	CCG-C-20-11643	Date of Installation:	15/05/2020
Site:	303 Cheetham Hill Road, Manchester	Monitoring programme:	6 Visits / 3 Months
Client:	Corstorphine + Wright	Instrument used:	GFM
Location Reference:	S2	Logged by:	DE
Installation Depth (mbgl):	1.50	Approved by:	CB

Visit	Monitoring date	Weather Conditions					Monitoring Data							
		Cloud Cover	Wind Velocity	Precipitation	State of Ground	Atmospheric Pressure (mb)	CH ₄ (%v/v)	CO ₂ (%v/v)	O ₂ (%v/v)	Flow Rate (l/hr)	H ₂ S (ppm)	CO (ppm)	Water Level (mbgl)	Depth to base (mbgl)
1	22/05/2020	Overcast	Strong wind	Dry	Dry	1001	0.0%	3.9%	18.5%	<0.1	0.0	0.0	Dry	1.40
2	05/06/2020	Overcast	Light Breeze	Dry	Dry	993	0.0%	4.1%	18.8%	<0.1	0.0	0.0	Dry	1.40
3	19/06/2020	Overcast	Light Breeze	Dry	Dry	1009	0.0%	3.9%	18.6%	<0.1	0.0	0.0	Dry	1.40
4	03/07/2020	Overcast	Light Breeze	Rain	Wet	1008	0.0%	3.8%	18.8%	<0.1	0.0	0.0	Dry	1.40
5	16/07/2020	Overcast	Light Breeze	Dry	Dry	1010	0.0%	3.3%	19.0%	<0.1	0.0	0.0	Dry	1.40
6	24/08/2020	Overcast	Light Breeze	Dry	Dry	1014	0.0%	4.0%	18.3%	<0.1	0.0	0.0	Dry	1.40





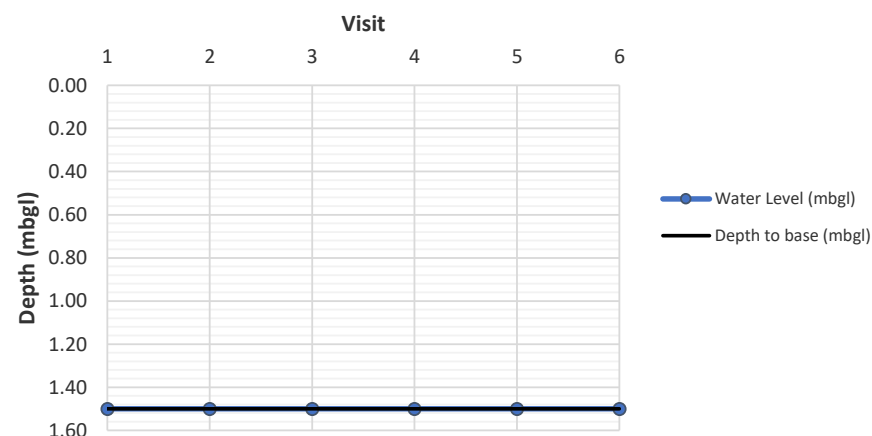
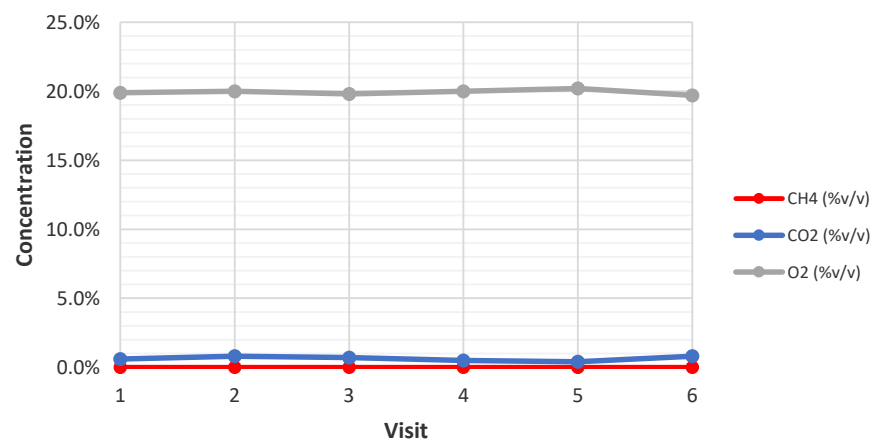
CC GEOTECHNICAL LIMITED

Consulting Geotechnical and Geoenvironmental Engineers

GROUND GAS AND GROUNDWATER MONITORING DATA

Job Number:	CCG-C-20-11643	Date of Installation:	15/05/2020
Site:	303 Cheetham Hill Road, Manchester	Monitoring programme:	6 Visits / 3 Months
Client:	Corstorphine + Wright	Instrument used:	GFM
Location Reference:	S3	Logged by:	DE
Installation Depth (mbgl):	1.50	Approved by:	CB

Visit	Monitoring date	Weather Conditions					Monitoring Data							
		Cloud Cover	Wind Velocity	Precipitation	State of Ground	Atmospheric Pressure (mb)	CH ₄ (%v/v)	CO ₂ (%v/v)	O ₂ (%v/v)	Flow Rate (l/hr)	H ₂ S (ppm)	CO (ppm)	Water Level (mbgl)	Depth to base (mbgl)
1	22/05/2020	Overcast	Strong wind	Dry	Dry	1001	0.0%	0.6%	19.9%	<0.1	0.0	0.0	Dry	1.50
2	05/06/2020	Overcast	Light Breeze	Dry	Dry	993	0.0%	0.8%	20.0%	<0.1	0.0	0.0	Dry	1.50
3	19/06/2020	Overcast	Light Breeze	Dry	Dry	1009	0.0%	0.7%	19.8%	<0.1	0.0	0.0	Dry	1.50
4	03/07/2020	Overcast	Light Breeze	Rain	Wet	1008	0.0%	0.5%	20.0%	<0.1	0.0	0.0	Dry	1.50
5	16/07/2020	Overcast	Light Breeze	Dry	Dry	1010	0.0%	0.4%	20.2%	<0.1	0.0	0.0	Dry	1.50
6	24/08/2020	Overcast	Light Breeze	Dry	Dry	1014	0.0%	0.8%	19.7%	<0.1	0.0	0.0	Dry	1.50



APPENDIX J

CONTAMINATION
ASSESSMENT WORKSHEETS



METALS DATA SUMMARY AND RISK ASSESSMENT SHEET

Job number: CCG-C-19-11344

Site name: Cheetham Hill Road,
Manchester

Prepared by: DE

Authorised by: CB

Proposed land use: Residential with plant uptake

SOM % used: 1.0

 = Threshold exceeded

 = Below Limit of detection

n/t = Not tested

			Metals							
Contaminants			Cadmium	Chromium III	Chromium VI	Copper	Lead	Mercury (elemental)	Nickel	Zinc
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit of Detection			0.5	5.0	0.8	5.0	5.0	0.5	5.0	5.0
Human Health Risk Assessment (GAC)			11	910	6	240	200	1.2	180	3700
Sample Location	Sample Depth (m)	Sample type								
WS1	0.50	SOIL	< 0.5	22	< 0.8	22.9	25	3.5	29.5	55.1
WS2	0.50	SOIL	< 0.5	33.9	< 0.8	45.9	86.4	0.6	36.6	95.4
WS3	0.50	SOIL	< 0.5	33.9	< 0.8	50.3	98	< 0.5	37.8	107
WS4	0.50	SOIL	1	27.9	< 0.8	70.2	930	< 0.5	25.1	371
WS1	2.20	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
WS1	3.20	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
WS4	2.80	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
WS4	3.80	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Human Health Risk Assessment (GAC)			11	910	6	240	200	1.2	180	3700



SEMI-METALS, NON-METALS, INORGANICS AND OTHER DATA SUMMARY AND RISK ASSESSMENT SHEET

Job number: CCG-C-19-11344

Site name: Cheetham Hill Road,
Manchester

Prepared by: DE

Authorised by: CB

Proposed land use: Residential with plant uptake

SOM % used: 1.0

 = Threshold exceeded

 = Below Limit of detection

n/t = Not tested

			Semi/non-metals			Inorganics		Other		
Contaminants			Arsenic	Boron	Selenium	Cyanide (free)	Sulphate (water soluble)	Sulphate (water soluble)	pH (units)	Soil Organic Matter %
Units			mg/kg	mg/kg	mg/kg	mg/kg	g/l	mg/l	units	units
Limit of Detection			1.0	0.5	1.0	1.0	0.02	20.0	0.1	0.1
Human Health Risk Assessment (GAC)			37	290	250	22	NA	NA	NA	NA
Sample Location	Sample Depth (m)	Sample type								
WS1	0.50	SOIL	6.8	< 0.5	< 1.0	< 1.0	0.04	n/t	8.6	0.6
WS2	0.50	SOIL	10.1	0.7	< 1.0	< 1.0	0.03	n/t	8.4	1
WS3	0.50	SOIL	14.6	0.7	< 1.0	< 1.0	0.17	n/t	8	1.6
WS4	0.50	SOIL	14.7	0.7	< 1.0	< 1.0	0.10	n/t	10.1	3.2
WS1	2.20	SOIL	n/t	n/t	n/t	n/t	n/t	29	8.6	0
WS1	3.20	SOIL	n/t	n/t	n/t	n/t	n/t	21	8.6	0
WS4	2.80	SOIL	n/t	n/t	n/t	n/t	n/t	42	8.5	0
WS4	3.80	SOIL	n/t	n/t	n/t	n/t	n/t	48	8.5	0
Human Health Risk Assessment (GAC)			37	290	250	22	NA	NA	NA	NA



SPECIATED PAH'S DATA SUMMARY AND RISK ASSESSMENT SHEET

Job number: CCG-C-19-11344

Site name: Cheetham Hill Road,
Manchester

Prepared by: DE

Authorised by: CB

Proposed land use: Residential with plant uptake

SOM % used: 1.0

 = Threshold exceeded

 = Below Limit of detection

n/t = Not tested

Contaminants

PAH's

Units

Limit of Detection

Human Health Risk Assessment (GAC)

Sample Location

Sample
Depth (m)

Sample type

Acenaphthene

Acenaphthylene

Anthracene

Benz[a]anthracene

Benzo[a]pyrene

Benzo[b]fluoranthene

Benzo[ghi]perylene

Benzo[k]fluoranthene

Chrysene

Dibenzo[ah]anthracene

Fluoranthene

Fluorene

Indeno[123-cd]pyrene

Naphthalene

Phenanthrene

Pyrene

Total PAH's

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

WS1

0.50

SOIL

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.1

< 0.4

WS2

0.50

SOIL

1.3

0.4

2.3

4.8

4.3

3.9

2.8

4.1

5.8

0.7

11

1.2

2.9

0.4

9.3

10.5

65.7

WS3

0.50

SOIL

0.4

< 0.1

0.7

2.3

2.3

2.1

1.5

2.2

2.9

0.4

5.1

0.2

1.5

< 0.1

3.1

5.1

30

WS4

0.50

SOIL

0.3

0.3

0.5

1.1

1.3

1.3

1.3

2

1.8

0.4

2.5

0.2

1.5

0.2

1.7

2.7

19.2

WS1

2.20

SOIL

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

WS1

3.20

SOIL

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

WS4

2.80

SOIL

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

WS4

3.80

SOIL

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

n/t

Human Health Risk Assessment (GAC)

210

170

2400

7.2

2.2

2.6

320

77

15

0.24

280

170

27

2.3

95

620

NA



SPECIATED TPH'S DATA SUMMARY AND RISK ASSESSMENT SHEET

Job number: CCG-C-19-11344

Site name: Cheetham Hill Road,
Manchester

Prepared by: DE

Authorised by: CB

Proposed land use: Residential with plant uptake

SOM % used: 1.0

 = Threshold exceeded

 = Below Limit of detection

n/t = Not tested

			Speciated TPH's																
			Aromatics							Aliphatics									
Contaminants			EC5-7	EC7-8	EC8-10	EC10-12	EC12-16	EC16-21	EC21-35	EC35-44	EC5-6	EC6-8	EC8-10	EC10-12	EC12-16	EC16-35	EC35-44	TOTAL TPH'S	
Units			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit of Detection			0.01	0.01	1.0	1.0	1.0	1.0	1.0	1.0	0.01	0.01	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Human Health Risk Assessment (GAC)			70	130	34	74	140	260	1100	1100	42	100	27	130	1100	65000	65000	NA	
Sample Location	Sample Depth (m)	Sample type																	
WS1	0.50	SOIL	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	4.9	1	5.9	
WS2	0.50	SOIL	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	1.9	< 1.0	1.9	
WS3	0.50	SOIL	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 0.01	< 0.01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
WS4	0.50	SOIL	< 0.01	< 0.01	< 1.0	< 1.0	2.8	9.9	267	235	< 0.01	< 0.01	2.3	5.8	22.7	432.7	290	1270	
WS1	2.20	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	
WS1	3.20	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	
WS4	2.80	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	
WS4	3.80	SOIL	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	
Human Health Risk Assessment (GAC)			70	130	34	74	140	260	1100	1100	42	100	27	130	1100	65000	65000	NA	



BTEX DATA SUMMARY AND RISK ASSESSMENT SHEET

Job number: CCG-C-19-11344

Site name: Cheetham Hill Road,
Manchester

Prepared by: DE

Authorised by: CB

Proposed land use: Residential with plant uptake

SOM % used: 1.0

 = Threshold exceeded

 = Below Limit of detection

 = Not tested

			BTEX			
Contaminants			Benzene	Toluene	Ethylbenzene	Total Xylenes
Units			µg/kg	µg/kg	µg/kg	µg/kg
Limit of Detection			10	10	10	10
Human Health Risk Assessment (GAC)			0.33	610	350	NA
Sample Location	Sample Depth (m)	Sample type				
WS1	0.50	SOIL	< 10.0	< 10.0	< 10.0	< 10.0
WS2	0.50	SOIL	< 10.0	< 10.0	< 10.0	< 10.0
WS3	0.50	SOIL	< 10.0	< 10.0	< 10.0	< 10.0
WS4	0.50	SOIL	< 10.0	< 10.0	< 10.0	< 10.0
WS1	2.20	SOIL	n/t	n/t	n/t	n/t
WS1	3.20	SOIL	n/t	n/t	n/t	n/t
WS4	2.80	SOIL	n/t	n/t	n/t	n/t
WS4	3.80	SOIL	n/t	n/t	n/t	n/t
Human Health Risk Assessment (GAC)			0.33	610	350	NA

Job Number:	CCG-C-19-11344	Site Name:	Cheetham Hill Road, Manchester
Prepared by:	DE	Approved by:	CB

Sample Location	Sample Depth (m)	Sample type	Sulphate (water soluble) (mg/l)	Sulphate (water soluble) (mg/l)	pH (units)	pH (units)
			Soil	Water	Soil	Water
WS1	0.50	SOIL	40	-	8.6	-
WS2	0.50	SOIL	30	-	8.4	-
WS3	0.50	SOIL	170	-	8	-
WS4	0.50	SOIL	100	-	10.1	-
WS1	2.20	SOIL	29	-	8.6	-
WS1	3.20	SOIL	21	-	8.6	-
WS4	2.80	SOIL	42	-	8.5	-
WS4	3.80	SOIL	48	-	8.5	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Soil Concrete Specification Data Sheet	
Is the site Brownfield or Greenfield?	Brownfield
Is the water table Static or Mobile	Static
Highest water-soluble Sulphate results	170
Lowest pH result	8
Design Sulphate Class	DS-1
ACEC Class	AC-1s
Intended Working Life	50 Years
Design Chemical Classification	DC-1

Water Concrete Specification Data Sheet	
Is the site Brownfield or Greenfield?	Please Select Site
Is the water table Static or Mobile	Please Select Water Table
Highest water-soluble Sulphate results	
Lowest pH result	
Design Sulphate Class	
ACEC Class	
Intended Working Life	Please Select Working Life
Design Chemical Classification	-

Conclusions
Based on the soil data, concrete should be specified to conform to the compositional requirements of DC-1 as defined in BRE Special Digest 1: 2005.
Based on the water data, concrete should be specified to conform to the compositional requirements of - as defined in BRE Special Digest 1: 2005.

Registered in England & Wales, Company No. 5085241. Head Office: Unit 1, Deltic Place, Deltic Way, Knowsley Industrial Estate, Liverpool, L33 7BU



APPENDIX K

WASTE CLASSIFICATION REPORT



Waste Classification Report



DJ5HY-DJSJL-TEHQA

Job name

Cheetham Hill Road, Manchester

Description/Comments

Project

Site

Related Documents

#	Name	Description
None		

Waste Stream Template

CCG SOIL A 2019

Classified by

Name:
Daniel O'Regan
Date:
09 Dec 2019 13:04 GMT
Telephone:
0151 545 2750

Company:
CC Geotechnical Limited
Unit 1 and 2, Deltic Place
Deltic Way, Knowsley Industrial Estate
Liverpool
L33 7BU

Report

Created by: Daniel O'Regan
Created date: 09 Dec 2019 13:04 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS1	0.50	Non Hazardous		2
2	WS2	0.50	Non Hazardous		7
3	WS3	0.50	Non Hazardous		12
4	WS4	0.50	Hazardous	HP 3(i), HP 7, HP 11	16

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	21
Appendix B: Rationale for selection of metal species	25
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Classification of sample: WS1



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

Sample details

Sample Name:	LoW Code:
WS1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.8 mg/kg	1.32	8.978 mg/kg	0.000898 %			
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %			<LOD
3	chromium in chromium(III) compounds { chromium(III) oxide }	215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %			
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	22.9 mg/kg	1.126	25.783 mg/kg	0.00258 %			
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	25 mg/kg	1.56	38.995 mg/kg	0.0025 %			
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	3.5 mg/kg	1.353	4.737 mg/kg	0.000474 %			
7	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	29.5 mg/kg	2.976	87.8 mg/kg	0.00878 %			
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
9	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	55.1 mg/kg	1.245	68.584 mg/kg	0.00686 %			
10	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<0.8 mg/kg	1.923	<1.538 mg/kg	<0.000154 %			<LOD
12	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %			<LOD
13	pH				8.6 pH		8.6 pH	8.6 pH			



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
15	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
27	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
29	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
31	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	TPH (C6 to C40) petroleum group				5.9 mg/kg		5.9 mg/kg	0.00059 %			
			TPH								
36	confirm TPH has NOT arisen from diesel or petrol				.1		.1				<LOD
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
38	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-039-00-4	215-648-1	1336-36-3								
39	asbestos				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
40	antimony { antimony trioxide }				<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
41	beryllium { beryllium oxide }				<0.1	mg/kg	2.775	<0.278	mg/kg	<0.0000278 %		<LOD
	004-003-00-8	215-133-1	1304-56-9									
42	manganese { manganese sulphate }				<0.1	mg/kg	2.749	<0.275	mg/kg	<0.0000275 %		<LOD
	025-003-00-4	232-089-9	7785-87-7									
43	molybdenum { molybdenum(VI) oxide }				<0.1	mg/kg	1.5	<0.15	mg/kg	<0.000015 %		<LOD
	042-001-00-9	215-204-7	1313-27-5									
44	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
45	tetrachloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-028-00-4	204-825-9	127-18-4									
46	carbon tetrachloride; tetrachloromethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-008-00-5	200-262-8	56-23-5									
47	trichloroethylene; trichloroethene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-027-00-9	201-167-4	79-01-6									
48	vinyl chloride; chloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
49	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-045-00-7	200-024-3	50-29-3									
50	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-047-00-8	200-349-0	57-74-9									
51	hexachlorocyclohexanes, including lindane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1									
52	dieldrin (ISO)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-049-00-9	200-484-5	60-57-1									
53	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-051-00-X	200-775-7	72-20-8									
54	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-046-00-2	200-962-3	76-44-8									
55	hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
56	chlordecone (ISO); perchloropentacyclo[5,3,0,02,6,03,9,04,8]decan-5-one; decachloropentacyclo[5,2,1,02,6,03,9,05,8]decan-4-one				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	606-019-00-6	205-601-3	143-50-0									
57	aldrin (ISO)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-048-00-3	206-215-8	309-00-2									
58	pentachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-074-00-5	210-172-0	608-93-5									
59	dodecachloropentacyclo[5.2.1.02.6.03.9.05,8]decane; mirex				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-077-00-1	219-196-6	2385-85-5									
60	camphechlor (ISO); toxaphene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-044-00-1	232-283-3	8001-35-2									
61	hexabromobiphenyl				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		252-994-2	36355-01-8									
62	2,3,7,8-TeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
		217-122-7	1746-01-6									
63	1,2,3,7,8-PeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
			40321-76-4									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
64	1,2,3,4,7,8-HxCDD		39227-28-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
65	1,2,3,6,7,8-HxCDD		57653-85-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
66	1,2,3,7,8,9-HxCDD		19408-74-3		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
67	1,2,3,4,6,7,8-HpCDD		35822-46-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
68	OCDD		3268-87-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
69	2,3,7,8-TeCDF		51207-31-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
70	1,2,3,7,8-PeCDF		57117-41-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
71	2,3,4,7,8-PeCDF		57117-31-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
72	1,2,3,4,7,8-HxCDF		70648-26-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
73	1,2,3,6,7,8-HxCDF		57117-44-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
74	1,2,3,7,8,9-HxCDF		72918-21-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
75	2,3,4,6,7,8-HxCDF		60851-34-5		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
76	1,2,3,4,6,7,8-HpCDF		67562-39-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
77	1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
78	OCDF		39001-02-0		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
79	petrol (gasoline) petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
80	diesel petroleum group		68334-30-5; 68476-34-6; 94114-59-7; 1159170-26-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
81	heavy/residual fuel oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	crude oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
83	kerosine petroleum group including kerosine (petroleum); kerosine (petroleum) hydrosulphurised; kerosine (petroleum) sweetened		232-366-4; 265-184-9; 294-799-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0272 %		

Key

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



Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Concentration too low to be considered a flammable risk.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00059%)



Classification of sample: WS2

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

Sample details

Sample Name:	WS2	LoW Code:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.50 m	Chapter:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
		Entry:	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10.1 mg/kg	1.32	13.335 mg/kg	0.00133 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9	33.9 mg/kg	1.462	49.547 mg/kg	0.00495 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	45.9 mg/kg	1.126	51.678 mg/kg	0.00517 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	86.4 mg/kg	1.56	134.768 mg/kg	0.00864 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %		
7	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	36.6 mg/kg	2.976	108.931 mg/kg	0.0109 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	95.4 mg/kg	1.245	118.746 mg/kg	0.0119 %		
10	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<0.8 mg/kg	1.923	<1.538 mg/kg	<0.000154 %		<LOD
12	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
13	pH			PH	8.4 pH		8.4 pH	8.4 pH		



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
15	naphthalene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		205-917-1	208-96-8									
17	acenaphthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		201-469-6	83-32-9									
18	fluorene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		201-695-5	86-73-7									
19	phenanthrene				9.3	mg/kg		9.3	mg/kg	0.00093 %		
		201-581-5	85-01-8									
20	anthracene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		204-371-1	120-12-7									
21	fluoranthene				11	mg/kg		11	mg/kg	0.0011 %		
		205-912-4	206-44-0									
22	pyrene				10.5	mg/kg		10.5	mg/kg	0.00105 %		
		204-927-3	129-00-0									
23	benzo[a]anthracene				4.8	mg/kg		4.8	mg/kg	0.00048 %		
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
	601-048-00-0	205-923-4	218-01-9									
25	benzo[b]fluoranthene				3.9	mg/kg		3.9	mg/kg	0.00039 %		
	601-034-00-4	205-911-9	205-99-2									
26	benzo[k]fluoranthene				4.1	mg/kg		4.1	mg/kg	0.00041 %		
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
	601-032-00-3	200-028-5	50-32-8									
28	indeno[123-cd]pyrene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		205-893-2	193-39-5									
29	dibenz[a,h]anthracene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
	601-041-00-2	200-181-8	53-70-3									
30	benzo[ghi]perylene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		205-883-8	191-24-2									
31	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			TPH									
36	confirm TPH has NOT arisen from diesel or petrol				.1			.1				<LOD
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
38	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
39	asbestos				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
40	antimony { antimony trioxide }				<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %			<LOD
	051-005-00-X	215-175-0	1309-64-4								
41	beryllium { beryllium oxide }				<0.1 mg/kg	2.775	<0.278 mg/kg	<0.0000278 %			<LOD
	004-003-00-8	215-133-1	1304-56-9								
42	manganese { manganese sulphate }				<0.1 mg/kg	2.749	<0.275 mg/kg	<0.0000275 %			<LOD
	025-003-00-4	232-089-9	7785-87-7								
43	molybdenum { molybdenum(VI) oxide }				<0.1 mg/kg	1.5	<0.15 mg/kg	<0.000015 %			<LOD
	042-001-00-9	215-204-7	1313-27-5								
44	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3								
45	tetrachloroethylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
46	carbon tetrachloride; tetrachloromethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-008-00-5	200-262-8	56-23-5								
47	trichloroethylene; trichloroethene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-027-00-9	201-167-4	79-01-6								
48	vinyl chloride; chloroethylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
49	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-045-00-7	200-024-3	50-29-3								
50	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-047-00-8	200-349-0	57-74-9								
51	hexachlorocyclohexanes, including lindane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1								
52	dieldrin (ISO)				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-049-00-9	200-484-5	60-57-1								
53	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-051-00-X	200-775-7	72-20-8								
54	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-046-00-2	200-962-3	76-44-8								
55	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-065-00-6	204-273-9	118-74-1								
56	chlordecone (ISO); perchloropentacyclo[5,3,0,02,6,03,9,04,8]decan-5-one; decachloropentacyclo[5,2,1,02,6,03,9,05,8]decan-4-one				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	606-019-00-6	205-601-3	143-50-0								
57	aldrin (ISO)				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-048-00-3	206-215-8	309-00-2								
58	pentachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-074-00-5	210-172-0	608-93-5								
59	dodecachloropentacyclo[5.2.1.02,6.03,9.05,8]decane; mirex				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-077-00-1	219-196-6	2385-85-5								
60	camphechlor (ISO); toxaphene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-044-00-1	232-283-3	8001-35-2								
61	hexabromobiphenyl				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		252-994-2	36355-01-8								
62	2,3,7,8-TeCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %			<LOD
		217-122-7	1746-01-6								
63	1,2,3,7,8-PeCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %			<LOD
			40321-76-4								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
64	1,2,3,4,7,8-HxCDD		39227-28-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
65	1,2,3,6,7,8-HxCDD		57653-85-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
66	1,2,3,7,8,9-HxCDD		19408-74-3		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
67	1,2,3,4,6,7,8-HpCDD		35822-46-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
68	OCDD		3268-87-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
69	2,3,7,8-TeCDF		51207-31-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
70	1,2,3,7,8-PeCDF		57117-41-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
71	2,3,4,7,8-PeCDF		57117-31-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
72	1,2,3,4,7,8-HxCDF		70648-26-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
73	1,2,3,6,7,8-HxCDF		57117-44-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
74	1,2,3,7,8,9-HxCDF		72918-21-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
75	2,3,4,6,7,8-HxCDF		60851-34-5		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
76	1,2,3,4,6,7,8-HpCDF		67562-39-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
77	1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
78	OCDF		39001-02-0		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
79	petrol (gasoline) petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
80	diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
81	heavy/residual fuel oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	crude oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
83	kerosine petroleum group including kerosine (petroleum); kerosine (petroleum) hydrosulphurised; kerosine (petroleum) sweetened	232-366-4; 265-184-9; 294-799-5	8008-20-6; 64742-81-0; 91770-15-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0509 %		

Key

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



Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Concentration too low to be considered a flammable risk.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00019%)



Classification of sample: WS3

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

Sample details

Sample Name:	LoW Code:
WS3	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				14.6 mg/kg	1.32	19.277 mg/kg	0.00193 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide }				33.9 mg/kg	1.462	49.547 mg/kg	0.00495 %			
		215-160-9	1308-38-9								
4	copper { dicopper oxide; copper (I) oxide }				50.3 mg/kg	1.126	56.632 mg/kg	0.00566 %			
	029-002-00-X	215-270-7	1317-39-1								
5	lead { lead chromate }			1	98 mg/kg	1.56	152.862 mg/kg	0.0098 %			
	082-004-00-2	231-846-0	7758-97-6								
6	mercury { mercury dichloride }				<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel chromate }				37.8 mg/kg	2.976	112.503 mg/kg	0.0113 %			
	028-035-00-7	238-766-5	14721-18-7								
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	034-002-00-8										
9	zinc { zinc oxide }				107 mg/kg	1.245	133.184 mg/kg	0.0133 %			
	030-013-00-7	215-222-5	1314-13-2								
10	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.8 mg/kg	1.923	<1.538 mg/kg	<0.000154 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
12	boron { diboron trioxide; boric oxide }				0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %			
	005-008-00-8	215-125-8	1303-86-2								
13	pH				8 pH		8 pH	8pH			
			PH								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
15	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		201-469-6	83-32-9							
18	fluorene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-695-5	86-73-7							
19	phenanthrene				3.1 mg/kg		3.1 mg/kg	0.00031 %		
		201-581-5	85-01-8							
20	anthracene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
		204-371-1	120-12-7							
21	fluoranthene				5.1 mg/kg		5.1 mg/kg	0.00051 %		
		205-912-4	206-44-0							
22	pyrene				5.1 mg/kg		5.1 mg/kg	0.00051 %		
		204-927-3	129-00-0							
23	benzo[a]anthracene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				2.9 mg/kg		2.9 mg/kg	0.00029 %		
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
	601-032-00-3	200-028-5	50-32-8							
28	indeno[123-cd]pyrene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	601-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		205-883-8	191-24-2							
31	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	TPH (C6 to C40) petroleum group				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			TPH							
36	confirm TPH has NOT arisen from diesel or petrol				.1		.1			<LOD
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
39	asbestos				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
40	antimony { antimony trioxide }				<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
41	beryllium { beryllium oxide }				<0.1	mg/kg	2.775	<0.278	mg/kg	<0.0000278 %		<LOD
	004-003-00-8	215-133-1	1304-56-9									
42	manganese { manganese sulphate }				<0.1	mg/kg	2.749	<0.275	mg/kg	<0.0000275 %		<LOD
	025-003-00-4	232-089-9	7785-87-7									
43	molybdenum { molybdenum(VI) oxide }				<0.1	mg/kg	1.5	<0.15	mg/kg	<0.000015 %		<LOD
	042-001-00-9	215-204-7	1313-27-5									
44	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
45	tetrachloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-028-00-4	204-825-9	127-18-4									
46	carbon tetrachloride; tetrachloromethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-008-00-5	200-262-8	56-23-5									
47	trichloroethylene; trichloroethene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-027-00-9	201-167-4	79-01-6									
48	vinyl chloride; chloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
49	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-045-00-7	200-024-3	50-29-3									
50	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-047-00-8	200-349-0	57-74-9									
51	hexachlorocyclohexanes, including lindane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1									
52	dieldrin (ISO)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-049-00-9	200-484-5	60-57-1									
53	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-051-00-X	200-775-7	72-20-8									
54	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-046-00-2	200-962-3	76-44-8									
55	hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
56	chlordecone (ISO); perchloropentacyclo[5,3,0,02,6,03,9,04,8]decan-5-one; decachloropentacyclo[5,2,1,02,6,03,9,05,8]decan-4-one				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	606-019-00-6	205-601-3	143-50-0									
57	aldrin (ISO)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-048-00-3	206-215-8	309-00-2									
58	pentachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-074-00-5	210-172-0	608-93-5									
59	dodecachloropentacyclo[5.2.1.02.6.03.9.05,8]decane; mirex				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-077-00-1	219-196-6	2385-85-5									
60	camphechlor (ISO); toxaphene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-044-00-1	232-283-3	8001-35-2									
61	hexabromobiphenyl				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		252-994-2	36355-01-8									
62	2,3,7,8-TeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
		217-122-7	1746-01-6									
63	1,2,3,7,8-PeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
			40321-76-4									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
64	1,2,3,4,7,8-HxCDD		39227-28-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
65	1,2,3,6,7,8-HxCDD		57653-85-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
66	1,2,3,7,8,9-HxCDD		19408-74-3		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
67	1,2,3,4,6,7,8-HpCDD		35822-46-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
68	OCDD		3268-87-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
69	2,3,7,8-TeCDF		51207-31-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
70	1,2,3,7,8-PeCDF		57117-41-6		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
71	2,3,4,7,8-PeCDF		57117-31-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
72	1,2,3,4,7,8-HxCDF		70648-26-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
73	1,2,3,6,7,8-HxCDF		57117-44-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
74	1,2,3,7,8,9-HxCDF		72918-21-9		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
75	2,3,4,6,7,8-HxCDF		60851-34-5		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
76	1,2,3,4,6,7,8-HpCDF		67562-39-4		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
77	1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
78	OCDF		39001-02-0		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
79	petrol (gasoline) petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
80	diesel petroleum group		68334-30-5; 68476-34-6; 94114-59-7; 1159170-26-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
81	heavy/residual fuel oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82	crude oils petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
83	kerosine petroleum group including kerosine (petroleum); kerosine (petroleum) hydrosulphurised; kerosine (petroleum) sweetened		232-366-4; 265-184-9; 294-799-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0513 %		

Key

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



Classification of sample: WS4

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

Sample details

Sample Name:	LoW Code:
WS4	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

Carc. 1B; 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:

TPH (C6 to C40) petroleum group: (conc.: 0.127%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.127%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.127%)

Determinands

Moisture content: **0% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	 arsenic { arsenic trioxide }				14.7 mg/kg	1.32	19.409 mg/kg	0.00194 %			
	033-003-00-0	215-481-4	1327-53-3								
2	 cadmium { cadmium oxide }				1 mg/kg	1.142	1.142 mg/kg	0.000114 %			
	048-002-00-0	215-146-2	1306-19-0								
3	 chromium in chromium(III) compounds { chromium(III) oxide }				27.9 mg/kg	1.462	40.777 mg/kg	0.00408 %			
		215-160-9	1308-38-9								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
4	copper { dicopper oxide; copper (I) oxide }			1	70.2	mg/kg	1.126	79.037	mg/kg	0.0079 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead chromate }				930	mg/kg	1.56	1450.628	mg/kg	0.093 %		
	082-004-00-2	231-846-0	7758-97-6									
6	mercury { mercury dichloride }				<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				25.1	mg/kg	2.976	74.704	mg/kg	0.00747 %		
	028-035-00-7	238-766-5	14721-18-7									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	zinc { zinc oxide }				371	mg/kg	1.245	461.789	mg/kg	0.0462 %		
	030-013-00-7	215-222-5	1314-13-2									
10	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.8	mg/kg	1.923	<1.538	mg/kg	<0.000154 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
12	boron { diboron trioxide; boric oxide }				0.7	mg/kg	3.22	2.254	mg/kg	0.000225 %		
	005-008-00-8	215-125-8	1303-86-2									
13	pH		PH		10.1	pH		10.1	pH	10.1 pH		
14	phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
15	naphthalene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		205-917-1	208-96-8									
17	acenaphthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		201-469-6	83-32-9									
18	fluorene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		201-695-5	86-73-7									
19	phenanthrene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		201-581-5	85-01-8									
20	anthracene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
		204-371-1	120-12-7									
21	fluoranthene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		205-912-4	206-44-0									
22	pyrene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
		204-927-3	129-00-0									
23	benzo[a]anthracene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
	601-048-00-0	205-923-4	218-01-9									
25	benzo[b]fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
	601-034-00-4	205-911-9	205-99-2									
26	benzo[k]fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
	601-032-00-3	200-028-5	50-32-8									
28	indeno[123-cd]pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
		205-893-2	193-39-5									
29	dibenz[a,h]anthracene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
	601-041-00-2	200-181-8	53-70-3									
30	benzo[ghi]perylene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		205-883-8	191-24-2									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
31	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group		TPH		1270	mg/kg		1270	mg/kg	0.127 %		
36	confirm TPH has NOT arisen from diesel or petrol				.1			.1				<LOD
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
38	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
39	asbestos				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
40	antimony { antimony trioxide }				<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
41	beryllium { beryllium oxide }				<0.1	mg/kg	2.775	<0.278	mg/kg	<0.0000278 %		<LOD
	004-003-00-8	215-133-1	1304-56-9									
42	manganese { manganese sulphate }				<0.1	mg/kg	2.749	<0.275	mg/kg	<0.0000275 %		<LOD
	025-003-00-4	232-089-9	7785-87-7									
43	molybdenum { molybdenum(VI) oxide }				<0.1	mg/kg	1.5	<0.15	mg/kg	<0.000015 %		<LOD
	042-001-00-9	215-204-7	1313-27-5									
44	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3									
45	tetrachloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-028-00-4	204-825-9	127-18-4									
46	carbon tetrachloride; tetrachloromethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-008-00-5	200-262-8	56-23-5									
47	trichloroethylene; trichloroethene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-027-00-9	201-167-4	79-01-6									
48	vinyl chloride; chloroethylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
49	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-045-00-7	200-024-3	50-29-3									
50	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-047-00-8	200-349-0	57-74-9									
51	hexachlorocyclohexanes, including lindane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1									
52	dieldrin (ISO)				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-049-00-9	200-484-5	60-57-1									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
53	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-051-00-X	200-775-7	72-20-8							
54	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-046-00-2	200-962-3	76-44-8							
55	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
56	chlordecone (ISO); perchloropentacyclo[5,3,0,02,6,03,9,04,8]decan-5-one; decachloropentacyclo[5,2,1,02,6,03,9,05,8]decan-4-one				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-019-00-6	205-601-3	143-50-0							
57	aldrin (ISO)				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-048-00-3	206-215-8	309-00-2							
58	pentachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-074-00-5	210-172-0	608-93-5							
59	dodecachloropentacyclo[5.2.1.02,6.03,9.05,8]decane; mirex				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-077-00-1	219-196-6	2385-85-5							
60	camphechlor (ISO); toxaphene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-044-00-1	232-283-3	8001-35-2							
61	hexabromobiphenyl				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		252-994-2	36355-01-8							
62	2,3,7,8-TeCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
		217-122-7	1746-01-6							
63	1,2,3,7,8-PeCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			40321-76-4							
64	1,2,3,4,7,8-HxCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			39227-28-6							
65	1,2,3,6,7,8-HxCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			57653-85-7							
66	1,2,3,7,8,9-HxCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			19408-74-3							
67	1,2,3,4,6,7,8-HpCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			35822-46-9							
68	OCDD				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			3268-87-9							
69	2,3,7,8-TeCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			51207-31-9							
70	1,2,3,7,8-PeCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			57117-41-6							
71	2,3,4,7,8-PeCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			57117-31-4							
72	1,2,3,4,7,8-HxCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			70648-26-9							
73	1,2,3,6,7,8-HxCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			57117-44-9							
74	1,2,3,7,8,9-HxCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			72918-21-9							
75	2,3,4,6,7,8-HxCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			60851-34-5							
76	1,2,3,4,6,7,8-HpCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			67562-39-4							
77	1,2,3,4,7,8,9-HpCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			55673-89-7							
78	OCDF				<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<LOD
			39001-02-0							
79	petrol (gasoline) petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD