

GroundTech Laboratories

Geotechnical Testing Facility

Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants. NN12 8QD

Telephone:- 01327 860947/860060

Fax:- 01327 860430

Email: groundtech@listersgeotechnics.co.uk

**Quality
Assured
ISO 9001**

West Waddy ADP LLP

Site: Land to the East of Woodstock, Oxfordshire

Test Location: TP 38

Sample Depth: 1.00m

Sample Description:

Hydrometer No.:

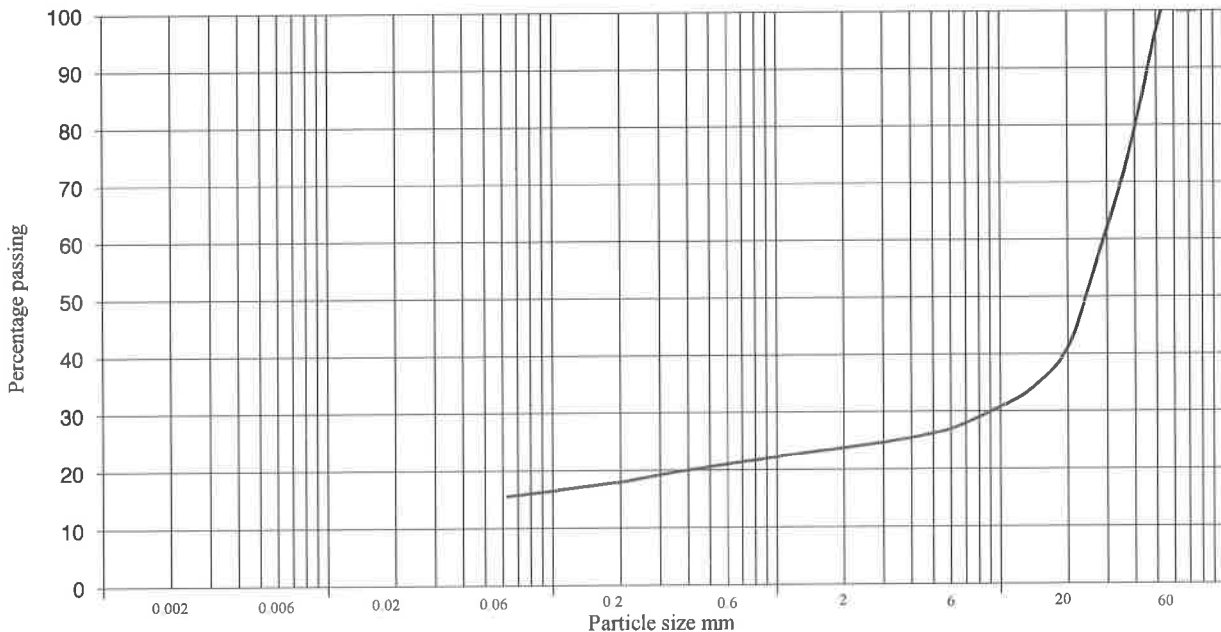
SG Gs:

Water Visc. (N):

Dry Mass of Soil after pretreatment (g):

Test Method: BS 1377 : Part 2 : 1990 : 9.2

BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
75mm			
63mm			
50mm			
37.5mm	74.98		
26.5mm	55.43		
20mm	41.18		
14mm	34.29		
10mm	30.81		
6.3mm	27.25		
5mm	26.20		
3.5mm	24.94		
2mm	23.73		
1.18mm	22.59		
600µm	21.05		
425µm	20.15		
300µm	19.20		
212µm	18.10		
150µm	17.28		
63µm	15.56		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

PARTICLE SIZE DISTRIBUTION

Project Ref
14.08.005a

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West Waddy ADP LLP

Site: Land to the East of Woodstock, Oxfordshire

Test Location: TP 39

Sample Depth: 0.50m

Sample Description:

Hydrometer No.:

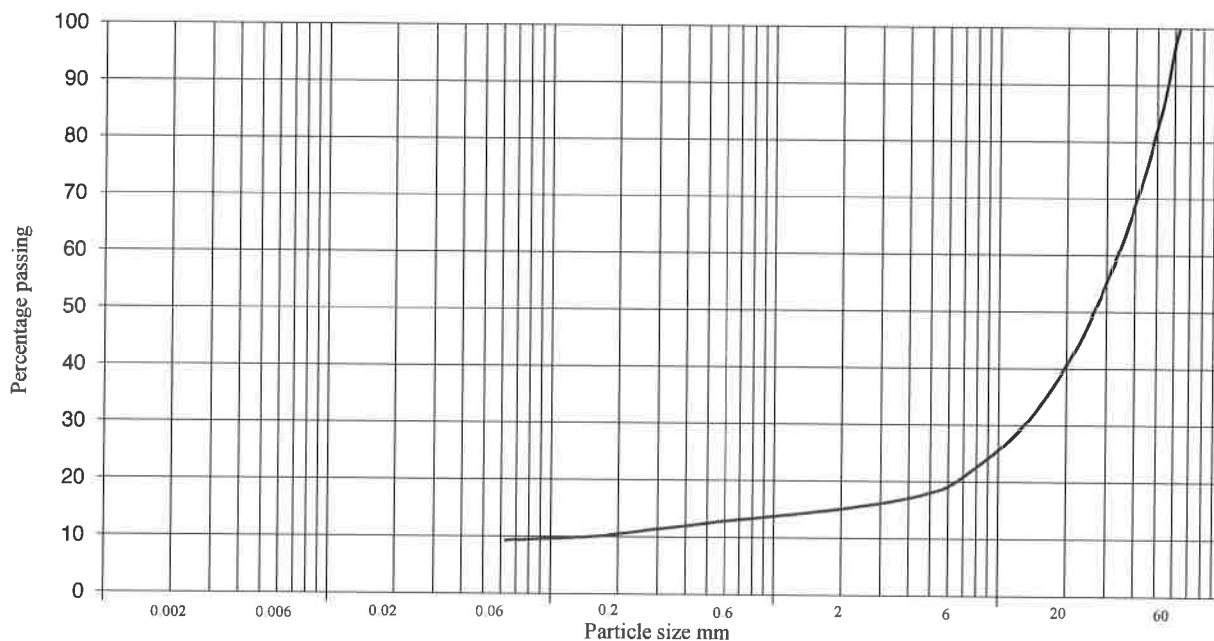
SG Gs:

Water Visc. (N):

Dry Mass of Soil after pretreatment (g):

Test Method: BS 1377 : Part 2 : 1990 : 9.2

BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
75mm			
63mm			
50mm	86.04		
37.5mm	65.58		
26.5mm	50.31		
20mm	40.74		
14mm	31.68		
10mm	25.70		
6.3mm	19.74		
5mm	18.10		
3.5mm	16.52		
2mm	15.17		
1.18mm	14.09		
600µm	12.89		
425µm	12.11		
300µm	11.45		
212µm	10.67		
150µm	10.04		
63µm	9.31		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

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Test Method: BS 1377 : Part 2 : 1990 : 9.2

West Waddy ADP LLP
Site: Land to the East of Woodstock, Oxfordshire

Test Location: TP 40

Sample Depth: 0.50m

Sample Description:

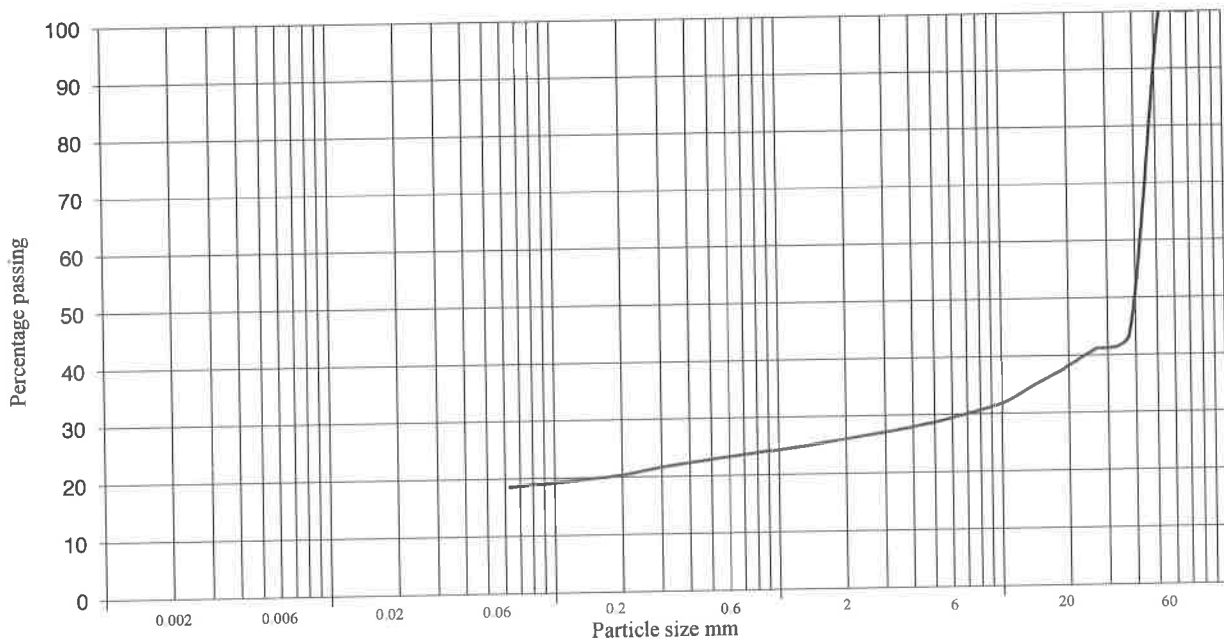
Hydrometer No.:

SG Gs:

Water Visc. (N):

Dry Mass of Soil after pretreatment (g):

BS test sieve	Cumulative Passing - %	Hydrometer Particle Diameter	Cumulative Passing - %
75mm			
63mm			
50mm			
37.5mm	43.65		
26.5mm	41.08		
20mm	38.25		
14mm	35.04		
10mm	31.88		
6.3mm	29.66		
5mm	28.72		
3.5mm	27.45		
2mm	26.05		
1.18mm	24.75		
600µm	23.28		
425µm	22.47		
300µm	21.64		
212µm	20.52		
150µm	19.85		
63µm	18.66		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES
	SILT			SAND			GRAVEL			

PARTICLE SIZE DISTRIBUTION

Project Ref
14.08.005a

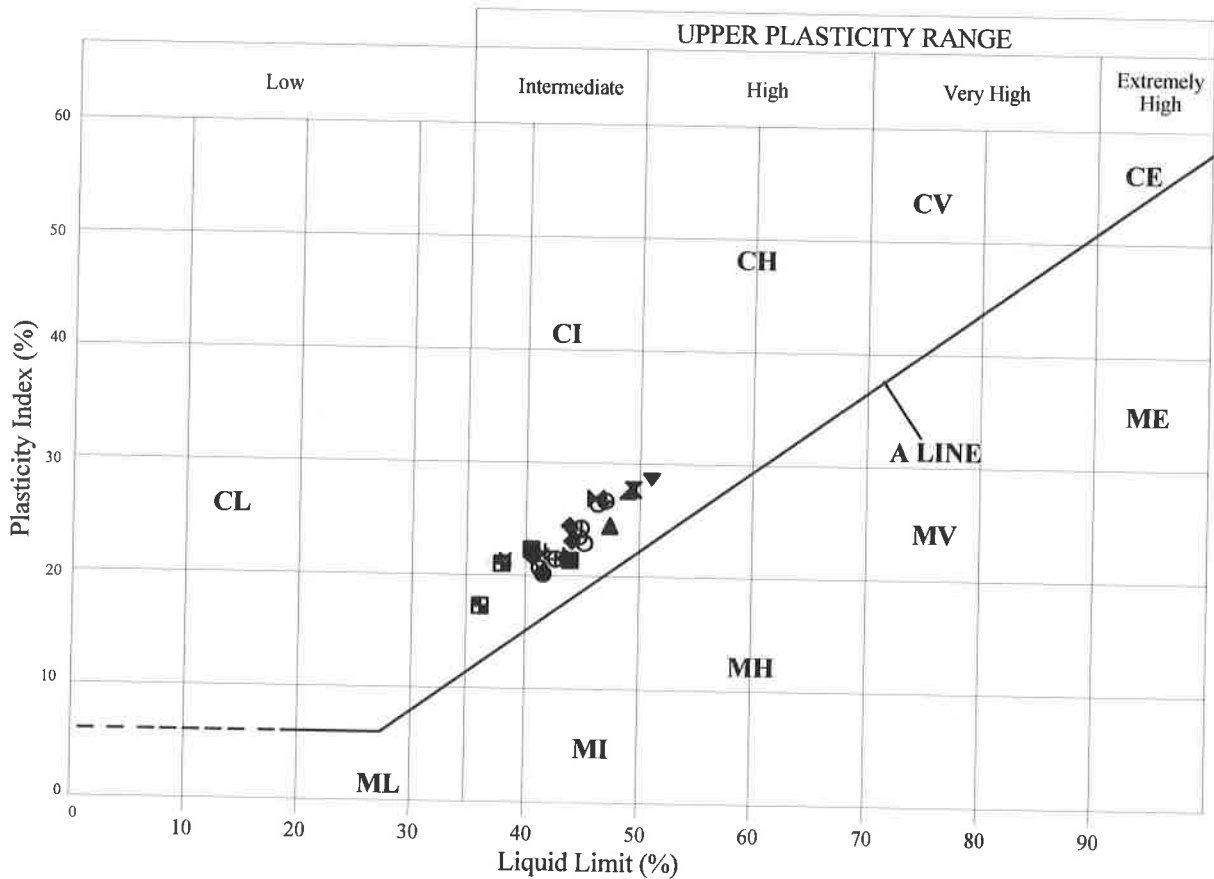
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Quality Assured to ISO9001

Site: Land East of Woodstock, Oxon



- TP 1
- TP 2
- + TP 3
- ← TP 4
- TP 5
- ⊙ TP 6
- ⊕ TP 7
- ⊗ TP 8
- ⊘ TP 9
- × TP 10
- ◆ TP 11
- ◇ TP 12
- ⊠ TP 13
- ▲ TP 17
- ▼ TP 21
- ⊞ TP 22
- ▴ TP 23
- ⊞ TP 34
- ⊞ TP 38

PLASTICITY CHART

Lab. Ref. 14.08.005a

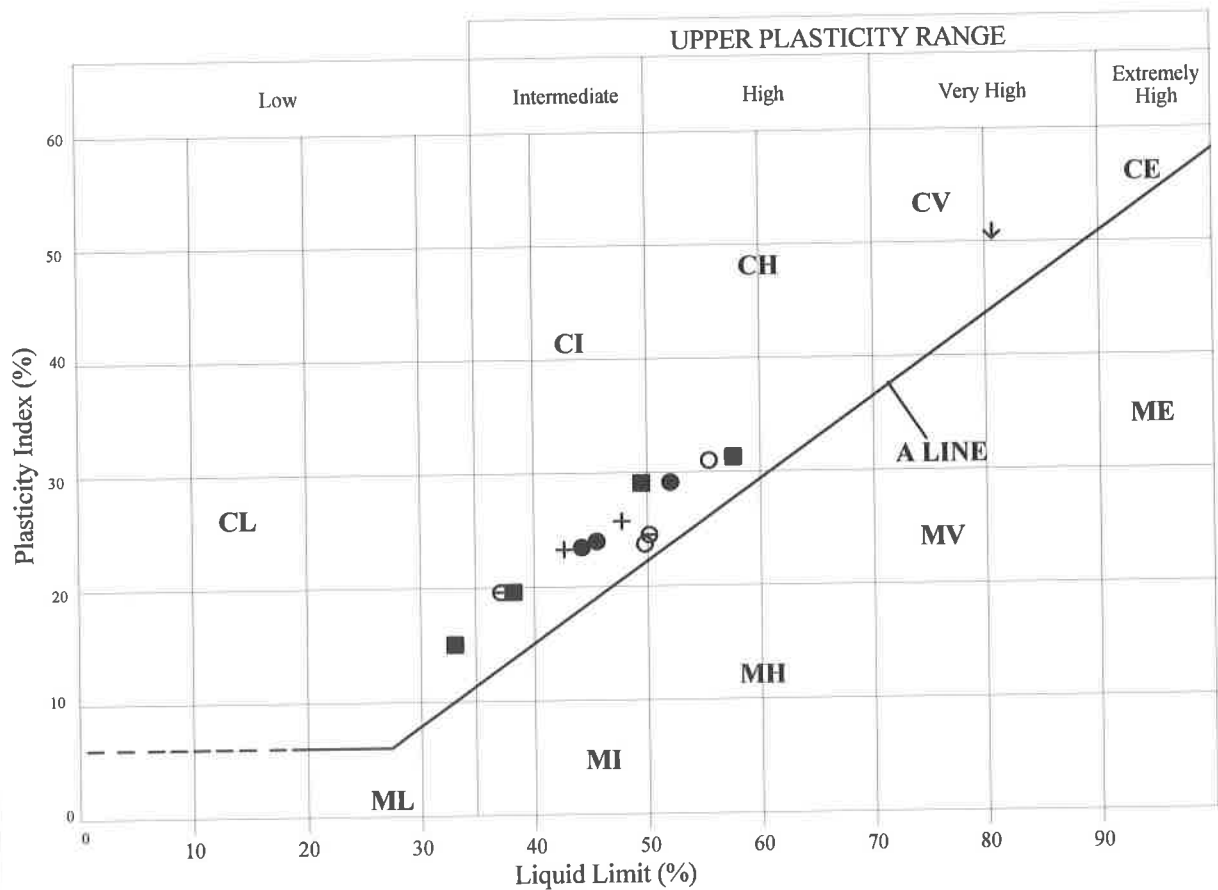
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Site: Land East of Woodstock, Oxon



- BH 101
- BH 102
- + BH 103
- + BH 104
- BH 105
- BH 106

PLASTICITY CHART

Lab. Ref. 14.08.005a

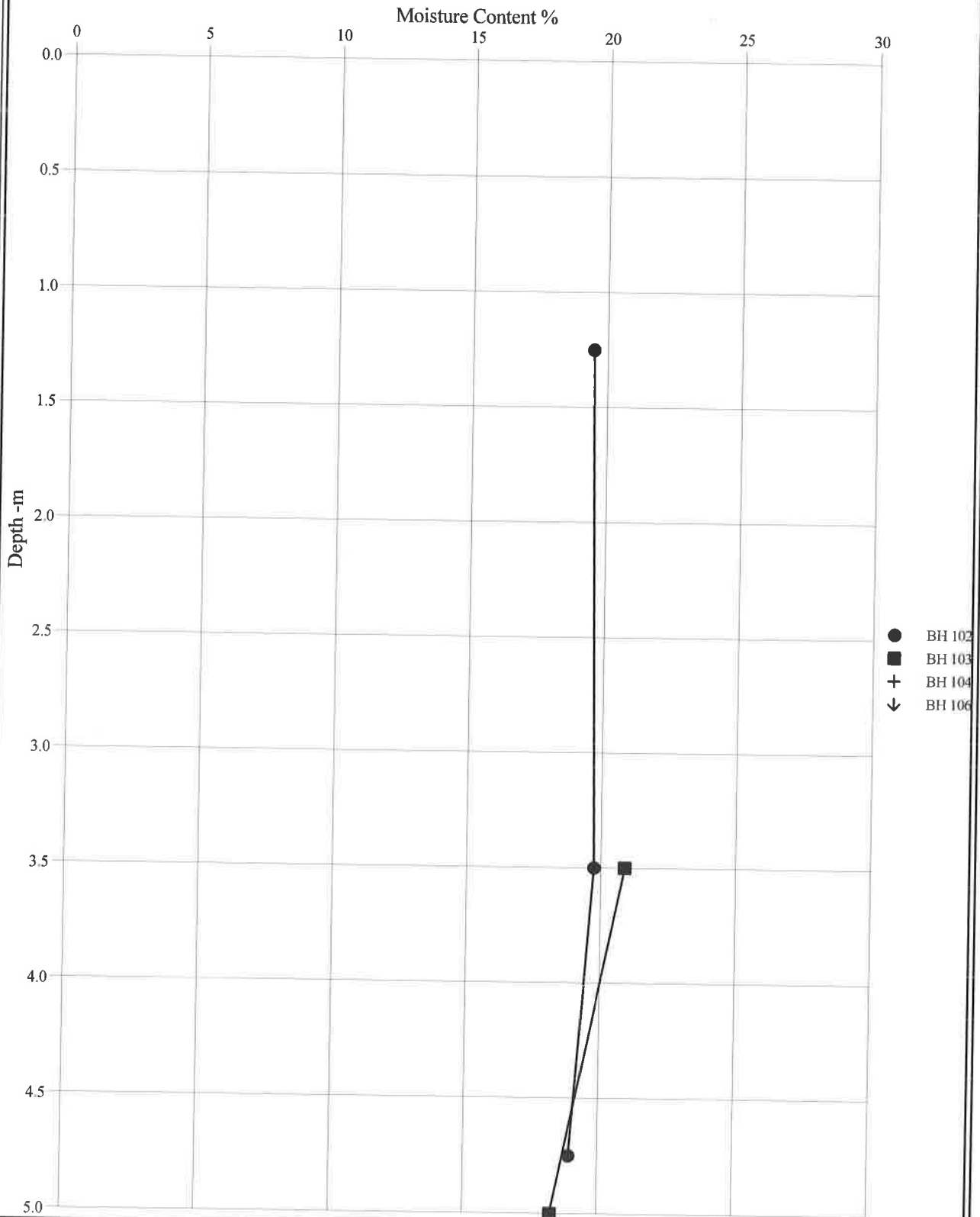
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MOISTURE CONTENT v DEPTH

Lab Ref. 14.08.005a

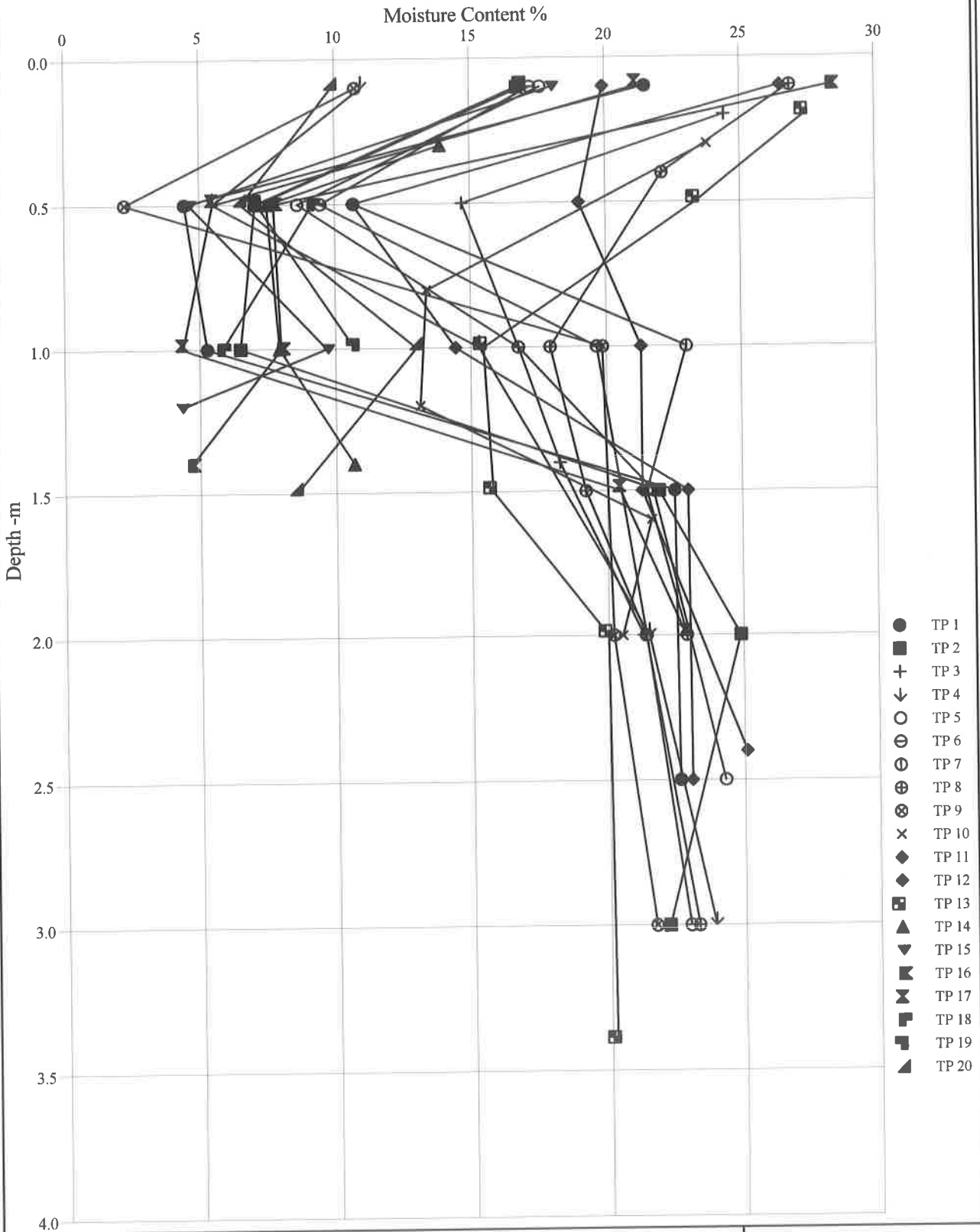
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MOISTURE CONTENT v DEPTH

Lab Ref. 14.08.005a

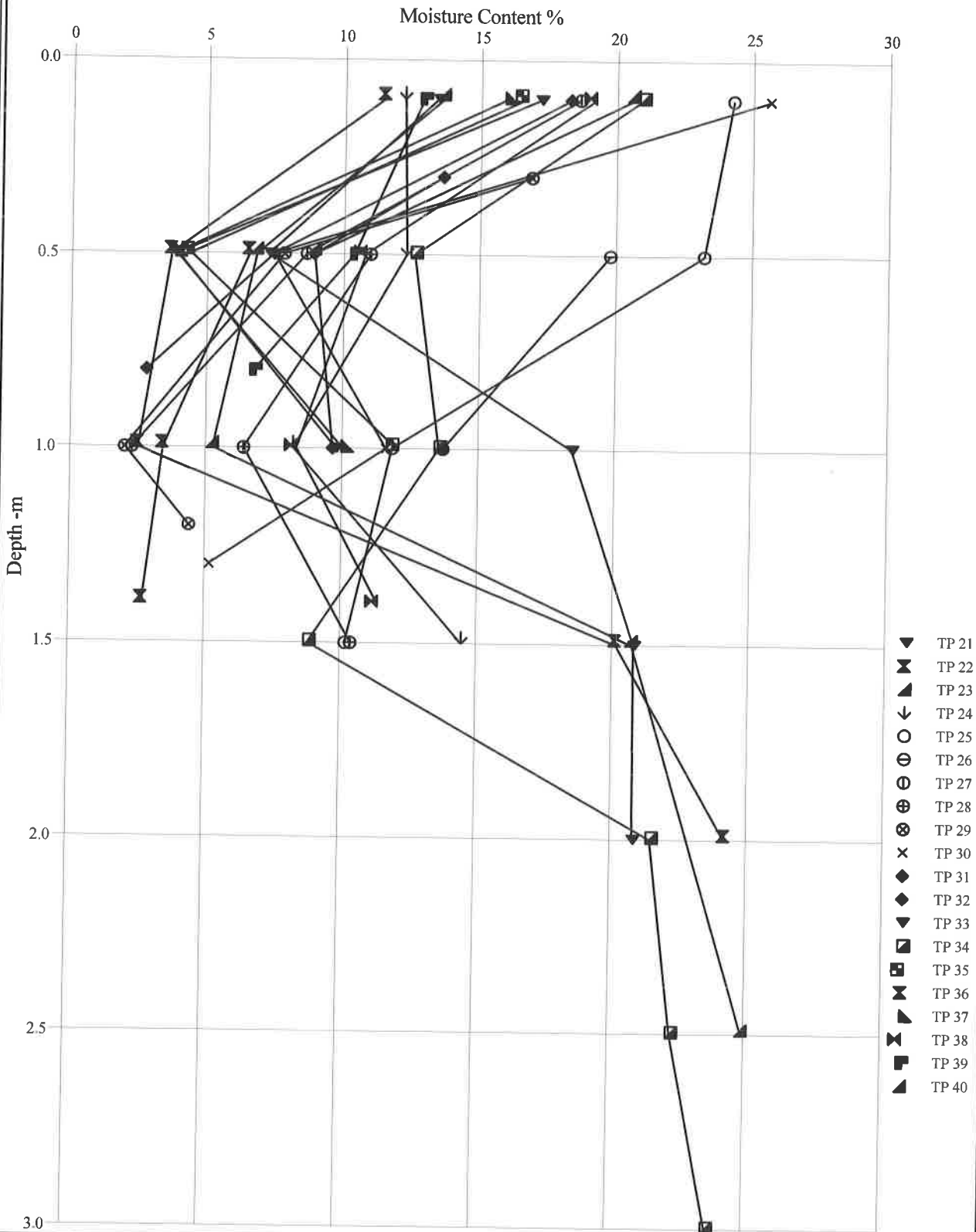
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Site: Land East of Woodstock, Oxon



MOISTURE CONTENT v DEPTH

Lab Ref. 14.08.005a



Final Report

Report Number: 14-09882 Issue-1

Initial Date of Issue: 17-Sep-14

Client: Listers Geotechnical Consultants

Client Address: Slapton Hill Barn, Blakesley Road
Slapton
Towcester
Northamptonshire
NN12 8QD

Contact(s): Murray Bateman

Project: 14.08.005a Land East of Woodstock, Oxfordshire.

Quotation No.:		Date Received:	15-Sep-14
Order No.:	14.08.005a	Date Instructed:	15-Sep-14
No. of Samples:	5	Results Due:	17-Sep-14

**Turnaround:
(Weekdays)** 3

Date Approved: 17-Sep-14

Approved By:



Details: Phil Hellier, Project Director

The results reported herein relate only to the material supplied to the laboratory.
This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Project: 14.08.005a Land East of Woodstock, Oxfordshire.

Client: Listers Geotechnical Consultants		Chemtest Job No.:		14-09882		14-09882		14-09882		14-09882	
Quotation No.:		Chemtest Sample ID.:		48548		48549		48550		48551	
Order No.: 14.08.005a		Client Sample Ref.:		11		12		24		25	
		Client Sample ID.:									
		Sample Type:		SOIL		SOIL		SOIL		SOIL	
		Top Depth (m):		0.1		1.0		0.1		0.5	
		Bottom Depth(m):									
		Date Sampled:		11-Sep-14		11-Sep-14		11-Sep-14		11-Sep-14	
Determinand	Accred.	SOP	Units	LOD							
Moisture	N	2030	%	0.02	18	15	13	6.4	12		
Stones	N	2030	%	0.02	<0.020	<0.020	<0.020	<0.020	<0.020		
Boron (Hot Water Soluble)	M	2120	mg/kg	0.4	0.84	0.41	1.7	0.61	1.1		
Arsenic	M	2450	mg/kg	2	20	3.0	26	5.8	23		
Cadmium	M	2450	mg/kg	0.1	0.32	<0.10	0.31	<0.10	0.23		
Chromium	M	2450	mg/kg	5	22	<5.0	22	<5.0	14		
Copper	M	2450	mg/kg	5	15	<5.0	12	<5.0	9.2		
Mercury	M	2450	mg/kg	0.1	0.17	<0.10	0.18	<0.10	<0.10		
Nickel	M	2450	mg/kg	5	27	<5.0	21	7.4	21		
Lead	M	2450	mg/kg	5	43	<5.0	30	<5.0	13		
Selenium	M	2450	mg/kg	0.2	<0.20	<0.20	<0.20	<0.20	<0.20		
Zinc	M	2450	mg/kg	5	63	<5.0	32	<5.0	26		
TPH >C5-C6	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C6-C7	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C7-C8	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C8-C10	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C10-C12	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C12-C16	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C16-C21	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
TPH >C21-C35	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
Total TPH >C5-C35	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0		
Naphthalene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Acenaphthylene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Acenaphthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Fluorene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Phenanthrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Benzo[a]anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Chrysene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Benzo[b]fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		
Benzo[k]fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10		

Project: 14.08.005a Land East of Woodstock, Oxfordshire.

Client: Listers Geotechnical Consultants		Chemtest Job No.:	14-09882	14-09882	14-09882	14-09882
Quotation No.:		Chemtest Sample ID.:	48548	48549	48550	48551
Order No.: 14.08.005a		Client Sample Ref.:	11	12	24	25
		Client Sample ID.:				
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.1	1.0	0.1	0.5
		Bottom Depth(m):				
		Date Sampled:	11-Sep-14	11-Sep-14	11-Sep-14	11-Sep-14
Determinand	Accred.	SOP	Units	LOD		
Benz[a]pyrene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Benzof(g,h,i)perylene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Total Of 16 PAH's	M	2700	mg/kg	2	< 2.0	< 2.0

Report Information

Key

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers

Sample Retention and Disposal

All soil samples will be retained for a period of 1 month following the date of the test report

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

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.co.uk



Final Report

Report Number: 14-09887 Issue-1

Initial Date of Issue: 19-Sep-14

Client: Listers Geotechnical Consultants

Client Address: Slapton Hill Barn, Blakesley Road
Slapton
Towcester
Northamptonshire
NN12 8QD

Contact(s): Murray Bateman

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Quotation No.:		Date Received:	15-Sep-14
Order No.:	14.01.043	Date Instructed:	15-Sep-14
No. of Samples:	17	Results Due:	19-Sep-14

**Turnaround:
(Weekdays)** 5

Date Approved: 19-Sep-14

Approved By:



Details: Keith Jones, Technical Manager

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Project: 14.08.005a Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants	Chemtest Job No.:		14-09887		14-09887		14-09887		14-09887		14-09887		14-09887		
	Quotation No.:	Chemtest Sample ID.:	48566	48567	48568	48569	48570	48571	48572	48573	48574	14-09887	14-09887	14-09887	
Order No.: 14.01.043	Client Sample Ref.:	Client Sample ID.:	1	2	5	8	9	10	13	14	17	SOIL	SOIL	SOIL	
	Sample Type:	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):	Top Depth (m):	0.1	0.5	0.1	0.4	1.0	0.3	0.5	0.3	0.3	0.5	0.3	0.3	
	Bottom Depth (m):	Bottom Depth (m):													
	Date Sampled:	Date Sampled:	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	
Determinand	Accred.	SOP	Units	LOD											
ACM Type	U	2192	%	0.001											
Asbestos Identification	U	2192	%	0.001											
Moisture	N	2030	%	0.02	16	6.4	17	15	12	16	11	16	16	11	4.4
Stones	N	2030	%	0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Boron (Hot Water Soluble)	M	2120	mg/kg	0.4	1.9	0.59	1.6	0.92	0.48	0.99	0.68	0.99	0.68	1.2	0.42
Arsenic	M	2450	mg/kg	2	34	<2.0	24	21	3.3	12	8.6	12	8.6	16	<2.0
Cadmium	M	2450	mg/kg	0.1	0.57	<0.10	0.40	0.21	0.10	0.24	0.11	0.24	0.11	0.24	<0.10
Chromium	M	2450	mg/kg	5	35	<5.0	23	35	5.0	33	20	33	20	13	<5.0
Copper	M	2450	mg/kg	5	37	<5.0	24	11	<5.0	16	6.0	16	6.0	9.7	<5.0
Mercury	M	2450	mg/kg	0.1	0.49	<0.10	0.31	0.13	<0.10	<0.10	<0.10	<0.10	<0.10	0.13	<0.10
Nickel	M	2450	mg/kg	5	43	<5.0	30	39	16	40	27	40	27	18	<5.0
Lead	M	2450	mg/kg	5	140	<5.0	72	47	12	39	18	39	18	44	<5.0
Selenium	M	2450	mg/kg	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Zinc	M	2450	mg/kg	5	140	52	78	78	48	99	37	99	37	30	13
TPH >C5-C6	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C6-C7	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C7-C8	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C8-C10	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C10-C12	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C12-C16	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C16-C21	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C21-C35	N	2670	mg/kg	1	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total TPH >C5-C35	N	2670	mg/kg	10	150	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthylene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Anthracene	M	2700	mg/kg	0.1	0.43	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	M	2700	mg/kg	0.1	0.40	<0.10	0.18	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Pyrene	M	2700	mg/kg	0.1	0.40	<0.10	0.19	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo(a)anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

Client: Listers Geotechnical Consultants	Chemist Job No.:		14-09887		14-09887		14-09887		14-09887		14-09887		14-09887	
	Quotation No.:	Chemist Sample ID.:	48566	48567	48568	48569	48570	48571	48572	48573	48574	48575	48576	48577
Order No.:	Client Sample Ref.:	Client Sample ID.:	1	2	5	8	9	10	13	14	17	SOIL	SOIL	SOIL
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.1	0.5	0.1	0.4	1.0	0.3	0.3	0.5	0.3	1.0	0.3	0.3	1.0
	Bottom Depth(m):													
	Date Sampled:	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14
	Accred.	SOP	Units	LOD										
Determinand	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chrysene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[b]fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[k]fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[a]pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Of 16 PAH's	M	2700	mg/kg	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-D	N	2845	mg/kg	0.5										
Dichlorprop	N	2845	mg/kg	0.5										
MCPA	N	2845	mg/kg	0.5										
MCPB	N	2845	mg/kg	0.5										
Mecoprop	N	2845	mg/kg	0.5										
2,4,5-T	N	2845	mg/kg	0.5										

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants	Chemtest Job No.:		14-09887		14-09887		14-09887		14-09887		14-09887		14-09887	
	Quotation No.:	Chemtest Sample ID.:	48575	48576	48577	48578	48579	48580	48581	48582	48583	48584	48585	48586
Order No.: 14.01.043	Client Sample Ref.:	Client Sample ID.:	18	20	21	22	26	28	34	36	38	40	42	44
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.5	0.5	0.1	1.0	0.5	0.5	0.5	0.1	0.5	0.5	0.5	0.5	0.5
	Bottom Depth(m):													
	Date Sampled:	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14
Determinand	Accred.	SOP	Units	LOD										
ACM Type	U	2192	%	0.001										
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected									
Moisture	N	2030	%	0.02	7.2	6.1	12	6.5	9.3	9.7	12	7.6		
Stones	N	2030	%	0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Boron (Hot Water Soluble)	M	2120	mg/kg	0.4	0.45	<0.40	1.4	0.47	0.51	0.98	1.5	0.48		
Arsenic	M	2450	mg/kg	2	<2.0	<2.0	15	<2.0	6.0	7.1	13	6.1		
Cadmium	M	2450	mg/kg	0.1	<0.10	<0.10	0.26	<0.10	0.11	0.16	0.24	<0.10		
Chromium	M	2450	mg/kg	5	<5.0	<5.0	17	<5.0	<5.0	7.2	11	<5.0		
Copper	M	2450	mg/kg	5	<5.0	<5.0	10	<5.0	<5.0	<5.0	7.7	<5.0		
Mercury	M	2450	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	M	2450	mg/kg	5	<5.0	<5.0	24	6.9	13	13	17	11		
Lead	M	2450	mg/kg	5	<5.0	<5.0	33	<5.0	5.4	13	22	<5.0		
Selenium	M	2450	mg/kg	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Zinc	M	2450	mg/kg	5	<5.0	<5.0	64	7.9	58	21	41	<5.0		
TPH >C5-C6	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C6-C7	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C7-C8	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C8-C10	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C10-C12	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C12-C16	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C16-C21	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C21-C35	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total TPH >C5-C35	N	2670	mg/kg	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthylene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol[anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants		14-09887	14-09887	14-09887	14-09887	14-09887	14-09887	14-09887	14-09887	14-09887
Quotation No.:		48575	48576	48577	48578	48579	48580	48581	48582	
Order No.: 14.01.043										
Chemtest Sample ID.:		18	20	21	22	26	28	34	36	
Client Sample Ref.:										
Client Sample ID.:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Sample Type:										
Top Depth (m):		0.5	0.5	0.1	1.0	0.5	0.5	0.1	0.5	
Bottom Depth(m):										
Date Sampled:		10-Sep-14								
Determinand	Accred.	SOP	Units	LOD	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14	10-Sep-14
Chrysene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol(b)fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol(k)fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol(a)pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzol(g,h,i)perylene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Of 16 PAH's	M	2700	mg/kg	2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2,4-D	N	2845	mg/kg	0.5						
Dichlorprop	N	2845	mg/kg	0.5						
MCPA	N	2845	mg/kg	0.5						
MCPB	N	2845	mg/kg	0.5						
Mecoprop	N	2845	mg/kg	0.5						
2,4,5-T	N	2845	mg/kg	0.5						

Report Information

Key

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- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers

Sample Retention and Disposal

All soil samples will be retained for a period of 1 month following the date of the test report

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

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.co.uk



Final Report

Report Number: 14-09966 Issue-1

Initial Date of Issue: 18-Sep-14

Client: Listers Geotechnical Consultants

Client Address: Slapton Hill Barn, Blakesley Road
Slapton
Towcester
Northamptonshire
NN12 8QD

Contact(s): Murray Bateman

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Quotation No.:		Date Received:	16-Sep-14
Order No.:	14.08.005a	Date Instructed:	16-Sep-14
No. of Samples:	5	Results Due:	18-Sep-14
Turnaround: (Weekdays)	3		
Date Approved:	18-Sep-14		

Approved By:



Details: Keith Jones, Technical Manager

The results reported herein relate only to the material supplied to the laboratory.
This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants	Chemtest Job No.:		14-09966		14-09966		14-09966		14-09966	
	Quotation No.:	Chemtest Sample ID.:	49032	49033	49034	49035	49036	49037	49038	49039
Order No.: 14.08.005a	Client Sample Ref.:	Client Sample ID.:	WS R	WS S	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Type:	Top Depth (m):	0.3	0.3	0.1	0.5	0.5	0.5	0.5	0.5
	Bottom Depth(m):	Date Sampled:	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14
Determinand	Accred.	SOP	Units	LOD						
Moisture	N	2030	%	0.02	7.4	10	10	3.5	3.4	
Stones	N	2030	%	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Boron (Hot Water Soluble)	M	2120	mg/kg	0.4	1.9	1.4	1.2	<0.40	<0.40	<0.40
Arsenic	M	2450	mg/kg	2	12	31	25	5.8	4.2	
Cadmium	M	2450	mg/kg	0.1	0.18	0.42	0.33	<0.10	<0.10	<0.10
Chromium	M	2450	mg/kg	5	13	30	28	<5.0	<5.0	<5.0
Copper	M	2450	mg/kg	5	7.5	18	15	<5.0	<5.0	<5.0
Mercury	M	2450	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	M	2450	mg/kg	5	13	29	24	<5.0	<5.0	<5.0
Lead	M	2450	mg/kg	5	13	29	46	<5.0	<5.0	<5.0
Selenium	M	2450	mg/kg	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Zinc	M	2450	mg/kg	5	22	50	40	<5.0	<5.0	<5.0
TPH >C5-C6	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C6-C7	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C7-C8	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C8-C10	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C10-C12	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C12-C16	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C16-C21	N	2670	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH >C21-C35	N	2670	mg/kg	1	<1.0	<1.0	<1.0	8.0	<1.0	<1.0
Total TPH >C5-C35	N	2670	mg/kg	1	<1.0	<1.0	<1.0	24	<1.0	<1.0
Naphthalene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	32	<0.10	<0.10
Acenaphthylene	M	2700	mg/kg	0.1	<0.10	0.23	<0.10	0.12	<0.10	<0.10
Acenaphthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Fluorene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	0.12
Anthracene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	0.67	0.19	
Fluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Pyrene	M	2700	mg/kg	0.1	0.49	<0.10	<0.10	1.1	0.40	
Benzofluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	0.85	0.24	
Chrysene	M	2700	mg/kg	0.1	<0.10	0.10	<0.10	0.28	<0.10	<0.10
Benzofluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Benzokjfluoranthene	M	2700	mg/kg	0.1	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
					<0.10	0.32	0.29	0.41	0.21	

Project: 14.08.005a Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants		Chemtest Job No.:	14-09966	14-09966	14-09966	14-09966
Quotation No.:		Chemtest Sample ID.:	49032	49033	49034	49035
Order No.:	14.08.005a	Client Sample Ref.:				
		Client Sample ID.:	WS R	WS S	40	37
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.3	0.3	0.1	0.5
		Bottom Depth(m):				
		Date Sampled:	12-Sep-14	12-Sep-14	12-Sep-14	12-Sep-14
Determinand	Accred.	SOP	Units	LOD		
Benzof(a)pyrene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Benzof(g,h,i)perylene	M	2700	mg/kg	0.1	< 0.10	< 0.10
Total Of 16 PAH's	M	2700	mg/kg	2	< 2.0	3.8

Report Information

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- U/S Unsuitable sample
- N/E not evaluated
- < "less than"
- > "greater than"

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Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers

Sample Retention and Disposal

All soil samples will be retained for a period of 1 month following the date of the test report

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

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.co.uk



Final Report

Report Number: 14-10405 Issue-1

Initial Date of Issue: 24-Sep-14

Client: Listers Geotechnical Consultants

Client Address: Slapton Hill Barn, Blakesley Road
Slapton
Towcester
Northamptonshire
NN12 8QD

Contact(s): Murray Bateman

Project: 14.08.005a - Land East of Woodstock, Oxfordshire

Quotation No.:		Date Received:	22-Sep-14
Order No.:	14.08.005a	Date Instructed:	22-Sep-14
No. of Samples:	6	Results Due:	24-Sep-14
Turnaround: (Weekdays)	3		
Date Approved:	24-Sep-14		

Approved By:

Details: Keith Jones, Technical Manager

Project: 14.08.005a - Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants		Chemtest Job No.:		14-10405		14-10405		14-10405		14-10405		14-10405	
Quotation No.:		Chemtest Sample ID.:		51045		51046		51047		51048		51049	
Order No.: 14.08.005a		Client Sample Ref.:		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
		Client Sample ID.:		101		102		103		104		105	
		Sample Type:		WATER		WATER		WATER		WATER		WATER	
		Top Depth (m):											
		Bottom Depth(m):											
		Date Sampled:		17-Sep-14		17-Sep-14		17-Sep-14		17-Sep-14		17-Sep-14	
Determinand	Accred.	SOP	Units	LOD									
Arsenic (Dissolved)	U	1450	µg/l	1	1.0	1.5	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
Boron (Dissolved)	U	1450	µg/l	20	20	70	< 20	< 20	< 20	I/S	< 20	< 20	< 20
Cadmium (Dissolved)	U	1450	µg/l	0.08	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	I/S	< 0.080	< 0.080	< 0.080
Chromium (Dissolved)	U	1450	µg/l	1	9.1	1.6	6.7	6.7	6.7	I/S	2.8	< 1.0	< 1.0
Copper (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
Mercury (Dissolved)	U	1450	µg/l	0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	I/S	< 0.50	< 0.50	< 0.50
Nickel (Dissolved)	U	1450	µg/l	1	7.0	1.8	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
Lead (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1	< 1.0	1.3	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
Zinc (Dissolved)	U	1450	µg/l	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	I/S	< 1.0	< 1.0	< 1.0
TPH >C5-C6	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	I/S	< 1.0	1.2	< 0.10
TPH >C6-C7	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C7-C8	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C8-C10	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C10-C12	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C12-C16	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C16-C21	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH >C21-C35	N	1670	µg/l	0.1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total TPH >C5-C35	N	1670	µg/l	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Naphthalene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthylene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Acenaphthene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluorene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Phenanthrene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Anthracene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Fluoranthene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Pyrene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[a]anthracene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chrysene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[b]fluoranthene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[k]fluoranthene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Benzo[a]pyrene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Project: 14.08.005a - Land East of Woodstock, Oxfordshire

Client: Listers Geotechnical Consultants	Chemtest Job No.:	14-10405	14-10405	14-10405	14-10405	14-10405	14-10405
Quotation No.:	Chemtest Sample ID.:	51045	51046	51047	51048	51049	51050
Order No.: 14.08.005a	Client Sample Ref.:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
	Client Sample ID.:	101	102	103	104	105	106
	Sample Type:	WATER	WATER	WATER	WATER	WATER	WATER
	Top Depth (m):						
	Bottom Depth(m):						
	Date Sampled:	17-Sep-14	17-Sep-14	17-Sep-14	17-Sep-14	17-Sep-14	17-Sep-14
	Accred.	SOP	Units	LOD			
Determinand	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010
Dibenz(a,h)Anthracene	N	1700	µg/l	0.01	< 0.010	< 0.010	< 0.010
Benzofg,h,iperylene	N	1700	µg/l	0.2	< 0.20	< 0.20	< 0.20
Total Of 16 PAH's							

Report Information

Key

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVCOs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at our Coventry laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers

Sample Retention and Disposal

All soil samples will be retained for a period of 1 month following the date of the test report

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

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.co.uk



Waste Classification Report



5EXKA-SZ25J-FFSY8

Job name

Land East of Woodstock, Oxfordshire

Waste Stream

Listers Suite 6 PAH in CAS order and no pH

Comments

Project

Site

Classified by

Name:
Bateman, Murray
Date:
24/10/2014 13:11
Telephone:
01327 860060

Company:
Listers Geotechnical Consultants
Slapton Hill Barn, Blakesley Road
Slapton
Towcester
NN12 8QD

Report

Created by: Bateman, Murray
Created date: 24/10/2014 13:11

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazardous properties	Page
1	11	0.1	Non Hazardous		3
2	12	1	Non Hazardous		5
3	24	0.1	Non Hazardous		7
4	25	0.5	Non Hazardous		9
5	30	0.5	Non Hazardous		11
6	1	0.1	Potentially Hazardous	H3-B	13
7	2	0.5	Non Hazardous		16
8	5	0.1	Non Hazardous		18
9	8	0.4	Non Hazardous		20
10	9	1	Non Hazardous		22
11	10	0.3	Non Hazardous		24
12	13	0.5	Non Hazardous		26
13	14	0.3	Non Hazardous		28
14	17	1	Non Hazardous		30
15	18	0.5	Non Hazardous		32
16	20	0.5	Non Hazardous		34
17	21	0.1	Non Hazardous		36
18	22	1	Non Hazardous		38
19	26	0.5	Non Hazardous		40



Listers

#	Sample Name	Depth [m]	Classification Result	Hazardous properties	Page
20	28	0.5	Non Hazardous		42
21	34	0.1	Non Hazardous		44
22	36	0.5	Non Hazardous		46
23	WS R	0.3	Non Hazardous		48
24	WS S	0.3	Non Hazardous		50
25	40	0.1	Non Hazardous		52
26	37	0.5	Potentially Hazardous	H3-B	54
27	33	0.5	Non Hazardous		56

Appendices

	Page
Appendix A: User Defined and non CLP Substances	58
Appendix B: Notes	59
Appendix C: Version	60



Classification of sample: 11

✔ **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	11	EWC 2002 code:	
Sample Depth:	0.1 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Dry Weight Moisture Content:	0%	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00113%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00671%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.84 mg/kg, converted to compound conc.:11.281 mg/kg or 0.00113%)
- Arsenic trioxide: (Cation conc. entered: 20 mg/kg, converted to compound conc.:26.407 mg/kg or 0.00264%)
- Cadmium sulphide: (Cation conc. entered: 0.32 mg/kg, converted to compound conc.:0.411 mg/kg or 0.0000411%, Note 1 conc.: 0.000032%)
- Chromium(III) oxide: (Cation conc. entered: 22 mg/kg, converted to compound conc.:32.154 mg/kg or 0.00322%)
- Copper (I) oxide: (Cation conc. entered: 15 mg/kg, converted to compound conc.:16.888 mg/kg or 0.00169%)
- Mercury dichloride: (Cation conc. entered: 0.17 mg/kg, converted to compound conc.:0.23 mg/kg or 0.000023%)
- Nickel dihydroxide: (Cation conc. entered: 27 mg/kg, converted to compound conc.:42.646 mg/kg or 0.00426%)
- Lead chromate: (Cation conc. entered: 43 mg/kg, converted to compound conc.:67.072 mg/kg or 0.00671%, Note 1 conc.: 0.0043%)
- Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**
- Zinc chromate: (Cation conc. entered: 63 mg/kg, converted to compound conc.:174.771 mg/kg or 0.0175%)
- TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**
- Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Note 1, used on:

Test: "H5 on R20, R21, R22, R65" for determinand: "Cadmium sulphide"
Test: "H6 on R23, R24, R25" for determinand: "Cadmium sulphide"
Test: "H7 on R45" for determinand: "Cadmium sulphide"
Test: "H10 on R60, R61" for determinand: "Lead chromate"
Test: "H10 on R62, R63" for determinand: "Cadmium sulphide"
Test: "H11 on R68" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:


determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 12

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the European Waste Catalogue 2002

Sample details

Sample Name:	12	EWC 2002 code:	
Sample Depth:	1 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Dry Weight Moisture Content:	0%	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000551%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.41 mg/kg, converted to compound conc.: 5.506 mg/kg or 0.000551%)

Arsenic trioxide: (Cation conc. entered: 3 mg/kg, converted to compound conc.: 3.961 mg/kg or 0.000396%)

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.0000135%) **IGNORED Because: "<LOD"**

Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.897 mg/kg or <0.00079%) **IGNORED Because: "<LOD"**

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"

Determinand notes

Note E, used on:

determinand: "Arsenic trioxide"



Classification of sample: 24

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
24	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)
0.1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00228%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00468%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.7 mg/kg, converted to compound conc.:22.831 mg/kg or 0.00228%)

Arsenic trioxide: (Cation conc. entered: 26 mg/kg, converted to compound conc.:34.328 mg/kg or 0.00343%)

Cadmium sulphide: (Cation conc. entered: 0.31 mg/kg, converted to compound conc.:0.398 mg/kg or 0.0000398%, Note 1 conc.: 0.000031%)

Chromium(III) oxide: (Cation conc. entered: 22 mg/kg, converted to compound conc.:32.154 mg/kg or 0.00322%)

Copper (I) oxide: (Cation conc. entered: 12 mg/kg, converted to compound conc.:13.511 mg/kg or 0.00135%)

Mercury dichloride: (Cation conc. entered: 0.18 mg/kg, converted to compound conc.:0.244 mg/kg or 0.0000244%)

Nickel dihydroxide: (Cation conc. entered: 21 mg/kg, converted to compound conc.:33.169 mg/kg or 0.00332%)

Lead chromate: (Cation conc. entered: 30 mg/kg, converted to compound conc.:46.794 mg/kg or 0.00468%, Note 1 conc.: 0.003%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 32 mg/kg, converted to compound conc.:88.773 mg/kg or 0.00888%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 25

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
25	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)
0.5 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000819%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.61 mg/kg, converted to compound conc.: 8.192 mg/kg or 0.000819%)

Arsenic trioxide: (Cation conc. entered: 5.8 mg/kg, converted to compound conc.: 7.658 mg/kg or 0.000766%)

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.0000135%) **IGNORED Because: "<LOD"**

Nickel dihydroxide: (Cation conc. entered: 7.4 mg/kg, converted to compound conc.: 11.688 mg/kg or 0.00117%)

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"

Determinand notes

Note E, used on:

determinand: "Arsenic trioxide"

determinand: "Nickel dihydroxide"



Classification of sample: 30

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
30	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)
0.5 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00148%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00203%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.1 mg/kg, converted to compound conc.:14.773 mg/kg or 0.00148%)

Arsenic trioxide: (Cation conc. entered: 23 mg/kg, converted to compound conc.:30.367 mg/kg or 0.00304%)

Cadmium sulphide: (Cation conc. entered: 0.23 mg/kg, converted to compound conc.:0.296 mg/kg or 0.0000296%, Note 1 conc.: 0.000023%)

Chromium(III) oxide: (Cation conc. entered: 14 mg/kg, converted to compound conc.:20.462 mg/kg or 0.00205%)

Copper (I) oxide: (Cation conc. entered: 9.2 mg/kg, converted to compound conc.:10.358 mg/kg or 0.00104%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 21 mg/kg, converted to compound conc.:33.169 mg/kg or 0.00332%)

Lead chromate: (Cation conc. entered: 13 mg/kg, converted to compound conc.:20.278 mg/kg or 0.00203%, Note 1 conc.: 0.0013%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 26 mg/kg, converted to compound conc.:72.128 mg/kg or 0.00721%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 1

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.1 m	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing dangerous substances)
Dry Weight Moisture Content:	
0%	

Hazard properties (substances considered hazardous until shown otherwise)

H3-B: Flammable "liquid substances and preparations having a flash point equal to or greater than 21°C and less than or equal to 55°C."

Risk phrases hit:

R10 "Flammable"

Because of determinand:

TPH (C6 to C40) Petroleum Group: (conc.: 0.015%)

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00255%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.0218%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.9 mg/kg, converted to compound conc.:25.517 mg/kg or 0.00255%)
- Arsenic trioxide: (Cation conc. entered: 34 mg/kg, converted to compound conc.:44.891 mg/kg or 0.00449%)
- Cadmium sulphide: (Cation conc. entered: 0.57 mg/kg, converted to compound conc.:0.733 mg/kg or 0.0000733%, Note 1 conc.: 0.000057%)
- Chromium(III) oxide: (Cation conc. entered: 35 mg/kg, converted to compound conc.:51.154 mg/kg or 0.00512%)
- Copper (I) oxide: (Cation conc. entered: 37 mg/kg, converted to compound conc.:41.658 mg/kg or 0.00417%)
- Mercury dichloride: (Cation conc. entered: 0.49 mg/kg, converted to compound conc.:0.663 mg/kg or 0.0000663%)
- Nickel dihydroxide: (Cation conc. entered: 43 mg/kg, converted to compound conc.:67.918 mg/kg or 0.00679%)
- Lead chromate: (Cation conc. entered: 140 mg/kg, converted to compound conc.:218.374 mg/kg or 0.0218%, Note 1 conc.: 0.014%)
- Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**
- Zinc chromate: (Cation conc. entered: 140 mg/kg, converted to compound conc.:388.381 mg/kg or 0.0388%)
- TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: 150 mg/kg or 0.015%)
- Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Fluoranthene: (Whole conc. entered as: 0.43 mg/kg or 0.000043%)
Pyrene: (Whole conc. entered as: 0.4 mg/kg or 0.00004%)
Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Fluoranthene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Pyrene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "TPH (C6 to C40) Petroleum Group"

Note 1, used on:

Test: "H5 on R20, R21, R22, R65" for determinand: "Cadmium sulphide"
Test: "H6 on R23, R24, R25" for determinand: "Cadmium sulphide"
Test: "H7 on R45" for determinand: "Cadmium sulphide"
Test: "H10 on R60, R61" for determinand: "Lead chromate"
Test: "H10 on R62, R63" for determinand: "Cadmium sulphide"
Test: "H11 on R68" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"

Determinand notes

3.4.2, used on:

determinand: "TPH (C6 to C40) Petroleum Group"

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:



Listers

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 2

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Table with 2 columns: Sample Name, Sample Depth, Dry Weight Moisture Content, EWC 2002 code, Chapter, Entry. Values include: 2, 0.5 m, 0%, 17: Construction and Demolition Wastes (including excavated soil from contaminated sites), 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000792%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.59 mg/kg, converted to compound conc.:7.924 mg/kg or 0.000792%)
Arsenic trioxide: (Cation conc. entered: <2 mg/kg, converted to compound conc.:<2.641 mg/kg or <0.000264%)
Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%)
Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.308 mg/kg or <0.000731%)
Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%)
Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)
Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.897 mg/kg or <0.00079%)
Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%)
Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%)
Zinc chromate: (Cation conc. entered: 52 mg/kg, converted to compound conc.:144.256 mg/kg or 0.0144%)
TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%)
Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)
Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%)



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Zinc chromate"



Classification of sample: 5

☑ **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
5	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)
0.1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00215%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.0112%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.6 mg/kg, converted to compound conc.:21.488 mg/kg or 0.00215%)

Arsenic trioxide: (Cation conc. entered: 24 mg/kg, converted to compound conc.:31.688 mg/kg or 0.00317%)

Cadmium sulphide: (Cation conc. entered: 0.4 mg/kg, converted to compound conc.:0.514 mg/kg or 0.0000514%, Note 1 conc.: 0.00004%)

Chromium(III) oxide: (Cation conc. entered: 23 mg/kg, converted to compound conc.:33.616 mg/kg or 0.00336%)

Copper (I) oxide: (Cation conc. entered: 24 mg/kg, converted to compound conc.:27.021 mg/kg or 0.0027%)

Mercury dichloride: (Cation conc. entered: 0.31 mg/kg, converted to compound conc.:0.42 mg/kg or 0.000042%)

Nickel dihydroxide: (Cation conc. entered: 30 mg/kg, converted to compound conc.:47.385 mg/kg or 0.00474%)

Lead chromate: (Cation conc. entered: 72 mg/kg, converted to compound conc.:112.307 mg/kg or 0.0112%, Note 1 conc.: 0.0072%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 78 mg/kg, converted to compound conc.:216.383 mg/kg or 0.0216%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: 0.18 mg/kg or 0.000018%)

Pyrene: (Whole conc. entered as: 0.19 mg/kg or 0.000019%)

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Fluoranthene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Pyrene"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 8

 **Non Hazardous Waste**
 Classified as 17 05 04
 in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
8	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)
0.4 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00124%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00733%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.92 mg/kg, converted to compound conc.:12.356 mg/kg or 0.00124%)

Arsenic trioxide: (Cation conc. entered: 21 mg/kg, converted to compound conc.:27.727 mg/kg or 0.00277%)

Cadmium sulphide: (Cation conc. entered: 0.21 mg/kg, converted to compound conc.:0.27 mg/kg or 0.000027%, Note 1 conc.: 0.000021%)

Chromium(III) oxide: (Cation conc. entered: 35 mg/kg, converted to compound conc.:51.154 mg/kg or 0.00512%)

Copper (I) oxide: (Cation conc. entered: 11 mg/kg, converted to compound conc.:12.385 mg/kg or 0.00124%)

Mercury dichloride: (Cation conc. entered: 0.13 mg/kg, converted to compound conc.:0.176 mg/kg or 0.0000176%)

Nickel dihydroxide: (Cation conc. entered: 39 mg/kg, converted to compound conc.:61.6 mg/kg or 0.00616%)

Lead chromate: (Cation conc. entered: 47 mg/kg, converted to compound conc.:73.311 mg/kg or 0.00733%, Note 1 conc.: 0.0047%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 78 mg/kg, converted to compound conc.:216.383 mg/kg or 0.0216%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 9

☑ **Non Hazardous Waste**
Classified as **17 05 04**
in the European Waste Catalogue 2002

Sample details

Sample Name: 9	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000645%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00187%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.48 mg/kg, converted to compound conc.:6.446 mg/kg or 0.000645%)

Arsenic trioxide: (Cation conc. entered: 3.3 mg/kg, converted to compound conc.:4.357 mg/kg or 0.000436%)

Cadmium sulphide: (Cation conc. entered: 0.1 mg/kg, converted to compound conc.:0.129 mg/kg or 0.0000129%, Note 1 conc.: 0.00001%)

Chromium(III) oxide: (Cation conc. entered: 5 mg/kg, converted to compound conc.:7.308 mg/kg or 0.000731%)

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%)

IGNORED Because: "<LOD"

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 16 mg/kg, converted to compound conc.:25.272 mg/kg or 0.00253%)

Lead chromate: (Cation conc. entered: 12 mg/kg, converted to compound conc.:18.718 mg/kg or 0.00187%, Note 1 conc.: 0.0012%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) IGNORED Because: "<LOD"

Zinc chromate: (Cation conc. entered: 48 mg/kg, converted to compound conc.:133.159 mg/kg or 0.0133%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) IGNORED Because: "<LOD"

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"



Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 10

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Table with 2 columns: Sample Name, Sample Depth, Dry Weight Moisture Content, EWC 2002 code, Chapter, Entry. Values include 10, 0.3 m, 0%, 17 05 04, 17: Construction and Demolition Wastes, 17 05 04.

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00133%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00608%)

Determinands (Dry Weight Moisture Content: 0%)

- List of chemical determinands including Boron tribromide/trichloride/trifluoride, Arsenic trioxide, Cadmium sulphide, Chromium(III) oxide, Copper (I) oxide, Mercury dichloride, Nickel dihydroxide, Lead chromate, Selenium compounds, Zinc chromate, TPH, Naphthalene, Acenaphthene, Acenaphthylene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene. Many are marked as IGNORED Because: "<LOD"



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Note 1, used on:

Test: "H5 on R20, R21, R22, R65" for determinand: "Cadmium sulphide"
Test: "H6 on R23, R24, R25" for determinand: "Cadmium sulphide"
Test: "H7 on R45" for determinand: "Cadmium sulphide"
Test: "H10 on R60, R61" for determinand: "Lead chromate"
Test: "H10 on R62, R63" for determinand: "Cadmium sulphide"
Test: "H11 on R68" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 13

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: 13	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000913%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00281%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.68 mg/kg, converted to compound conc.: 9.132 mg/kg or 0.000913%)
- Arsenic trioxide: (Cation conc. entered: 8.6 mg/kg, converted to compound conc.: 11.355 mg/kg or 0.00114%)
- Cadmium sulphide: (Cation conc. entered: 0.11 mg/kg, converted to compound conc.: 0.141 mg/kg or 0.000141%, Note 1 conc.: 0.00011%)
- Chromium(III) oxide: (Cation conc. entered: 20 mg/kg, converted to compound conc.: 29.231 mg/kg or 0.00292%)
- Copper (I) oxide: (Cation conc. entered: 6 mg/kg, converted to compound conc.: 6.755 mg/kg or 0.000676%)
- Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.000135%)
IGNORED Because: "<LOD"
- Nickel dihydroxide: (Cation conc. entered: 27 mg/kg, converted to compound conc.: 42.646 mg/kg or 0.00426%)
- Lead chromate: (Cation conc. entered: 18 mg/kg, converted to compound conc.: 28.077 mg/kg or 0.00281%, Note 1 conc.: 0.0018%)
- Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.0003%) **IGNORED Because: "<LOD"**
- Zinc chromate: (Cation conc. entered: 37 mg/kg, converted to compound conc.: 102.643 mg/kg or 0.0103%)
- TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**
- Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 14

☑ **Non Hazardous Waste**
Classified as **17 05 04**
in the European Waste Catalogue 2002

Sample details

Sample Name: 14	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.3 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00161%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00686%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.2 mg/kg, converted to compound conc.:16.116 mg/kg or 0.00161%)

Arsenic trioxide: (Cation conc. entered: 16 mg/kg, converted to compound conc.:21.125 mg/kg or 0.00211%)

Cadmium sulphide: (Cation conc. entered: 0.24 mg/kg, converted to compound conc.:0.308 mg/kg or 0.0000308%, Note 1 conc.: 0.000024%)

Chromium(III) oxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.:19 mg/kg or 0.0019%)

Copper (I) oxide: (Cation conc. entered: 9.7 mg/kg, converted to compound conc.:10.921 mg/kg or 0.00109%)

Mercury dichloride: (Cation conc. entered: 0.13 mg/kg, converted to compound conc.:0.176 mg/kg or 0.0000176%)

Nickel dihydroxide: (Cation conc. entered: 18 mg/kg, converted to compound conc.:28.431 mg/kg or 0.00284%)

Lead chromate: (Cation conc. entered: 44 mg/kg, converted to compound conc.:68.632 mg/kg or 0.00686%, Note 1 conc.: 0.0044%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 30 mg/kg, converted to compound conc.:83.224 mg/kg or 0.00832%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Mercury dichloride"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 17

✔ **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
17	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000564%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.42 mg/kg, converted to compound conc.:5.641 mg/kg or 0.000564%)

Arsenic trioxide: (Cation conc. entered: <2 mg/kg, converted to compound conc.:<2.641 mg/kg or <0.000264%)
IGNORED Because: "<LOD"

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.308 mg/kg or <0.000731%)
IGNORED Because: "<LOD"

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%)
IGNORED Because: "<LOD"

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)
IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.897 mg/kg or <0.00079%)
IGNORED Because: "<LOD"

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 13 mg/kg, converted to compound conc.:36.064 mg/kg or 0.00361%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Zinc chromate"


Classification of sample: 18

 **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: 18	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000604%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.45 mg/kg, converted to compound conc.: 6.044 mg/kg or 0.000604%)

Arsenic trioxide: (Cation conc. entered: <2 mg/kg, converted to compound conc.: <2.641 mg/kg or <0.000264%)
IGNORED Because: "<LOD"

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.129 mg/kg or <0.000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%)
IGNORED Because: "<LOD"

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%)
IGNORED Because: "<LOD"

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.000135%)
IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.897 mg/kg or <0.00079%)
IGNORED Because: "<LOD"

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <13.871 mg/kg or <0.00139%)
IGNORED Because: "<LOD"

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"



Classification of sample: 20

✔ **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: 20	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: <0.4 mg/kg, converted to compound conc.:<5.372 mg/kg or <0.000537%) **IGNORED Because: "<LOD"**

Arsenic trioxide: (Cation conc. entered: <2 mg/kg, converted to compound conc.:<2.641 mg/kg or <0.000264%) **IGNORED Because: "<LOD"**

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.000135%) **IGNORED Because: "<LOD"**

Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.897 mg/kg or <0.00079%) **IGNORED Because: "<LOD"**

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

None



Classification of sample: 21

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: 21	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00188%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00515%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.4 mg/kg, converted to compound conc.:18.802 mg/kg or 0.00188%)

Arsenic trioxide: (Cation conc. entered: 15 mg/kg, converted to compound conc.:19.805 mg/kg or 0.00198%)

Cadmium sulphide: (Cation conc. entered: 0.26 mg/kg, converted to compound conc.:0.334 mg/kg or 0.0000334%, Note 1 conc.: 0.000026%)

Chromium(III) oxide: (Cation conc. entered: 17 mg/kg, converted to compound conc.:24.846 mg/kg or 0.00248%)

Copper (I) oxide: (Cation conc. entered: 10 mg/kg, converted to compound conc.:11.259 mg/kg or 0.00113%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)
IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 24 mg/kg, converted to compound conc.:37.908 mg/kg or 0.00379%)

Lead chromate: (Cation conc. entered: 33 mg/kg, converted to compound conc.:51.474 mg/kg or 0.00515%, Note 1 conc.: 0.0033%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 64 mg/kg, converted to compound conc.:177.545 mg/kg or 0.0178%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Note 1, used on:

Test: "H5 on R20, R21, R22, R65" for determinand: "Cadmium sulphide"
Test: "H6 on R23, R24, R25" for determinand: "Cadmium sulphide"
Test: "H7 on R45" for determinand: "Cadmium sulphide"
Test: "H10 on R60, R61" for determinand: "Lead chromate"
Test: "H10 on R62, R63" for determinand: "Cadmium sulphide"
Test: "H11 on R68" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 22

 **Non Hazardous Waste**
Classified as **17 05 04**
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
22	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000631%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.47 mg/kg, converted to compound conc.:6.312 mg/kg or 0.000631%)

Arsenic trioxide: (Cation conc. entered: <2 mg/kg, converted to compound conc.:<2.641 mg/kg or <0.000264%)
IGNORED Because: "<LOD"

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.129 mg/kg or <0.000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.308 mg/kg or <0.000731%)
IGNORED Because: "<LOD"

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%)
IGNORED Because: "<LOD"

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.000135%)
IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 6.9 mg/kg, converted to compound conc.:10.899 mg/kg or 0.00109%)

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 7.9 mg/kg, converted to compound conc.:21.916 mg/kg or 0.00219%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"

**Classification of sample: 26**

 **Non Hazardous Waste**
 Classified as **17 05 04**
 in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
26	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)
0.5 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000685%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.000842%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.51 mg/kg, converted to compound conc.: 6.849 mg/kg or 0.000685%)

Arsenic trioxide: (Cation conc. entered: 6 mg/kg, converted to compound conc.: 7.922 mg/kg or 0.000792%)

Cadmium sulphide: (Cation conc. entered: 0.11 mg/kg, converted to compound conc.: 0.141 mg/kg or 0.000141%, Note 1 conc.: 0.00011%)

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%)
IGNORED Because: "<LOD"

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%)
IGNORED Because: "<LOD"

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.000135%)
IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.: 20.533 mg/kg or 0.00205%)

Lead chromate: (Cation conc. entered: 5.4 mg/kg, converted to compound conc.: 8.423 mg/kg or 0.000842%, Note 1 conc.: 0.00054%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 5.8 mg/kg, converted to compound conc.: 16.09 mg/kg or 0.00161%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Listers

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 28

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Table with 2 columns: Sample Name, Sample Depth, Dry Weight Moisture Content, EWC 2002 code, Chapter, Entry. Values include 28, 0.5 m, 0%, 17: Construction and Demolition Wastes, 17 05 04.

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00132%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00203%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.98 mg/kg, converted to compound conc.:13.161 mg/kg or 0.00132%)
Arsenic trioxide: (Cation conc. entered: 7.1 mg/kg, converted to compound conc.:9.374 mg/kg or 0.000937%)
Cadmium sulphide: (Cation conc. entered: 0.16 mg/kg, converted to compound conc.:0.206 mg/kg or 0.000206%, Note 1 conc.: 0.000016%)
Chromium(III) oxide: (Cation conc. entered: 7.2 mg/kg, converted to compound conc.:10.523 mg/kg or 0.00105%)
Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%)
Ignored Because: "<LOD"
Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.000135%)
Ignored Because: "<LOD"
Nickel dihydroxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.:20.533 mg/kg or 0.00205%)
Lead chromate: (Cation conc. entered: 13 mg/kg, converted to compound conc.:20.278 mg/kg or 0.00203%, Note 1 conc.: 0.0013%)
Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) Ignored Because: "<LOD"
Zinc chromate: (Cation conc. entered: 21 mg/kg, converted to compound conc.:58.257 mg/kg or 0.00583%)
TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) Ignored Because: "<LOD"
Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"
Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) Ignored Because: "<LOD"



Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 34

✔ **Non Hazardous Waste**
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
34	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)
0.1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00201%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00343%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.5 mg/kg, converted to compound conc.:20.145 mg/kg or 0.00201%)

Arsenic trioxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.:17.164 mg/kg or 0.00172%)

Cadmium sulphide: (Cation conc. entered: 0.24 mg/kg, converted to compound conc.:0.308 mg/kg or 0.0000308%, Note 1 conc.: 0.000024%)

Chromium(III) oxide: (Cation conc. entered: 11 mg/kg, converted to compound conc.:16.077 mg/kg or 0.00161%)

Copper (I) oxide: (Cation conc. entered: 7.7 mg/kg, converted to compound conc.:8.669 mg/kg or 0.000867%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 17 mg/kg, converted to compound conc.:26.851 mg/kg or 0.00269%)

Lead chromate: (Cation conc. entered: 22 mg/kg, converted to compound conc.:34.316 mg/kg or 0.00343%, Note 1 conc.: 0.0022%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 41 mg/kg, converted to compound conc.:113.74 mg/kg or 0.0114%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"

Note 1, used on:

Test: "H5 on R20, R21, R22, R65" for determinand: "Cadmium sulphide"
Test: "H6 on R23, R24, R25" for determinand: "Cadmium sulphide"
Test: "H7 on R45" for determinand: "Cadmium sulphide"
Test: "H10 on R60, R61" for determinand: "Lead chromate"
Test: "H10 on R62, R63" for determinand: "Cadmium sulphide"
Test: "H11 on R68" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 36

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
36	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)
0.5 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.000645%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 0.48 mg/kg, converted to compound conc.:6.446 mg/kg or 0.000645%)

Arsenic trioxide: (Cation conc. entered: 6.1 mg/kg, converted to compound conc.:8.054 mg/kg or 0.000805%)

Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**

Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**

Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%) **IGNORED Because: "<LOD"**

Nickel dihydroxide: (Cation conc. entered: 11 mg/kg, converted to compound conc.:17.374 mg/kg or 0.00174%)

Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.:<13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"

Determinand notes

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Nickel dihydroxide"


Classification of sample: WS R


Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	WS R	EWC 2002 code:	
Sample Depth:	0.3 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Dry Weight Moisture Content:	0%	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00255%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00203%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.9 mg/kg, converted to compound conc.:25.517 mg/kg or 0.00255%)

Arsenic trioxide: (Cation conc. entered: 12 mg/kg, converted to compound conc.:15.844 mg/kg or 0.00158%)

Cadmium sulphide: (Cation conc. entered: 0.18 mg/kg, converted to compound conc.:0.231 mg/kg or 0.000231%, Note 1 conc.: 0.000018%)

Chromium(III) oxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.:19 mg/kg or 0.0019%)

Copper (I) oxide: (Cation conc. entered: 7.5 mg/kg, converted to compound conc.:8.444 mg/kg or 0.000844%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 13 mg/kg, converted to compound conc.:20.533 mg/kg or 0.00205%)

Lead chromate: (Cation conc. entered: 13 mg/kg, converted to compound conc.:20.278 mg/kg or 0.00203%, Note 1 conc.: 0.0013%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) IGNORED Because: "<LOD"

Zinc chromate: (Cation conc. entered: 22 mg/kg, converted to compound conc.:61.031 mg/kg or 0.0061%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) IGNORED Because: "<LOD"

Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Pyrene: (Whole conc. entered as: 0.49 mg/kg or 0.000049%)



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Pyrene"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: WS S

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: WS S
Sample Depth: 0.3 m
Dry Weight Moisture Content: 0%
EWC 2002 code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00188%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00452%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.4 mg/kg, converted to compound conc.:18.802 mg/kg or 0.00188%)

Arsenic trioxide: (Cation conc. entered: 31 mg/kg, converted to compound conc.:40.93 mg/kg or 0.00409%)

Cadmium sulphide: (Cation conc. entered: 0.42 mg/kg, converted to compound conc.:0.54 mg/kg or 0.000054%, Note 1 conc.: 0.000042%)

Chromium(III) oxide: (Cation conc. entered: 30 mg/kg, converted to compound conc.:43.847 mg/kg or 0.00438%)

Copper (I) oxide: (Cation conc. entered: 18 mg/kg, converted to compound conc.:20.266 mg/kg or 0.00203%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 29 mg/kg, converted to compound conc.:45.805 mg/kg or 0.00458%)

Lead chromate: (Cation conc. entered: 29 mg/kg, converted to compound conc.:45.235 mg/kg or 0.00452%, Note 1 conc.: 0.0029%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) IGNORED Because: "<LOD"

Zinc chromate: (Cation conc. entered: 50 mg/kg, converted to compound conc.:138.707 mg/kg or 0.0139%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) IGNORED Because: "<LOD"

Naphthalene: (Whole conc. entered as: 0.23 mg/kg or 0.000023%)

Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"



Benzo[a]anthracene: (Whole conc. entered as: 0.1 mg/kg or 0.00001%)
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: 0.32 mg/kg or 0.000032%)
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Naphthalene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[a]anthracene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[k]fluoranthene"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"

**Classification of sample: 40****Non Hazardous Waste**

Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name:	EWC 2002 code:
40	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)
0.1 m	
Dry Weight Moisture Content:	
0%	

Hazard properties

None identified

Additional: Additional Risk Phrases "This is an additional risk phrase and such a risk phrases alone will not cause a waste to be hazardous."

Risk phrases hit:

R14 "Reacts violently with water"

Because of determinand:

Boron tribromide/trichloride/trifluoride (combined risk phrases): (compound conc.: 0.00161%)

R33 "Danger of cumulative effects"

Because of determinand:

Lead chromate: (compound conc.: 0.00718%)

Determinands (Dry Weight Moisture Content: 0%)

Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: 1.2 mg/kg, converted to compound conc.:16.116 mg/kg or 0.00161%)

Arsenic trioxide: (Cation conc. entered: 25 mg/kg, converted to compound conc.:33.008 mg/kg or 0.0033%)

Cadmium sulphide: (Cation conc. entered: 0.33 mg/kg, converted to compound conc.:0.424 mg/kg or 0.0000424%, Note 1 conc.: 0.000033%)

Chromium(III) oxide: (Cation conc. entered: 28 mg/kg, converted to compound conc.:40.924 mg/kg or 0.00409%)

Copper (I) oxide: (Cation conc. entered: 15 mg/kg, converted to compound conc.:16.888 mg/kg or 0.00169%)

Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.:<0.135 mg/kg or <0.0000135%)

IGNORED Because: "<LOD"

Nickel dihydroxide: (Cation conc. entered: 24 mg/kg, converted to compound conc.:37.908 mg/kg or 0.00379%)

Lead chromate: (Cation conc. entered: 46 mg/kg, converted to compound conc.:71.751 mg/kg or 0.00718%, Note 1 conc.: 0.0046%)

Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.:<0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**

Zinc chromate: (Cation conc. entered: 40 mg/kg, converted to compound conc.:110.966 mg/kg or 0.0111%)

TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Phenanthrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**Pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[k]fluoranthene: (Whole conc. entered as: 0.29 mg/kg or 0.000029%)
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) IGNORED Because: "<LOD"

Notes utilised in assessment

Additional Risk Phrase Comments, used on:

Test: "Additional on R14" for determinand: "Boron tribromide/trichloride/trifluoride (combined risk phrases)"
Test: "Additional on R33" for determinand: "Lead chromate"

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Cadmium sulphide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Chromium(III) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Copper (I) oxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Nickel dihydroxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Lead chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Zinc chromate"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[k]fluoranthene"

Determinand notes

Note 1, used on:

determinand: "Cadmium sulphide"
determinand: "Lead chromate"

Note A, used on:

determinand: "Zinc chromate"

Note E, used on:

determinand: "Arsenic trioxide"
determinand: "Cadmium sulphide"
determinand: "Nickel dihydroxide"
determinand: "Zinc chromate"



Classification of sample: 37

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the European Waste Catalogue 2002

Sample details

Sample Name: 37	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing dangerous substances)
Dry Weight Moisture Content: 0%	

Hazard properties (substances considered hazardous until shown otherwise)

H3-B: Flammable "liquid substances and preparations having a flash point equal to or greater than 21°C and less than or equal to 55°C."

Risk phrases hit:

R10 "Flammable"

Because of determinand:

TPH (C6 to C40) Petroleum Group: (conc.: 0.0032%)

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: <0.4 mg/kg, converted to compound conc.: <5.372 mg/kg or <0.000537%) **IGNORED Because: "<LOD"**
- Arsenic trioxide: (Cation conc. entered: 5.8 mg/kg, converted to compound conc.: 7.658 mg/kg or 0.000766%)
- Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**
- Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**
- Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**
- Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.0000135%) **IGNORED Because: "<LOD"**
- Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.897 mg/kg or <0.00079%) **IGNORED Because: "<LOD"**
- Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**
- Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**
- Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**
- TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: 32 mg/kg or 0.0032%)
- Naphthalene: (Whole conc. entered as: 0.12 mg/kg or 0.000012%)
- Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluorene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Phenanthrene: (Whole conc. entered as: 0.67 mg/kg or 0.000067%)
- Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluoranthene: (Whole conc. entered as: 1.1 mg/kg or 0.00011%)
- Pyrene: (Whole conc. entered as: 0.85 mg/kg or 0.000085%)
- Benzo[a]anthracene: (Whole conc. entered as: 0.28 mg/kg or 0.000028%)



Listers

Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Benzo[k]fluoranthene: (Whole conc. entered as: 0.41 mg/kg or 0.000041%)
Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: 0.22 mg/kg or 0.000022%)
Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
Indeno[123-cd]pyrene: (Whole conc. entered as: 0.13 mg/kg or 0.000013%)
Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**

Notes utilised in assessment

C14.3: Step 4, used on:

Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Naphthalene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Phenanthrene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Fluoranthene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Pyrene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[a]anthracene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[k]fluoranthene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[a]pyrene; benzo[def]chrysene"
Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "TPH (C6 to C40) Petroleum Group"

Determinand notes

3.4.2, used on:

determinand: "TPH (C6 to C40) Petroleum Group"

Note E, used on:

determinand: "Arsenic trioxide"



Classification of sample: 33

Non Hazardous Waste
Classified as 17 05 04
in the European Waste Catalogue 2002

Sample details

Sample Name: 33	EWC 2002 code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Dry Weight Moisture Content: 0%	

Hazard properties

None identified

Determinands (Dry Weight Moisture Content: 0%)

- Boron tribromide/trichloride/trifluoride (combined risk phrases): (Cation conc. entered: <0.4 mg/kg, converted to compound conc.: <5.372 mg/kg or <0.000537%) **IGNORED Because: "<LOD"**
- Arsenic trioxide: (Cation conc. entered: 4.2 mg/kg, converted to compound conc.: 5.545 mg/kg or 0.000555%)
- Cadmium sulphide: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.129 mg/kg or <0.0000129%, Note 1 conc.: <0.00001%) **IGNORED Because: "<LOD"**
- Chromium(III) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.308 mg/kg or <0.000731%) **IGNORED Because: "<LOD"**
- Copper (I) oxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <5.629 mg/kg or <0.000563%) **IGNORED Because: "<LOD"**
- Mercury dichloride: (Cation conc. entered: <0.1 mg/kg, converted to compound conc.: <0.135 mg/kg or <0.0000135%) **IGNORED Because: "<LOD"**
- Nickel dihydroxide: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.897 mg/kg or <0.00079%) **IGNORED Because: "<LOD"**
- Lead chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <7.799 mg/kg or <0.00078%, Note 1 conc.: <0.0005%) **IGNORED Because: "<LOD"**
- Selenium compounds (with the exception of cadmium sulphoselenide and sodium selenite): (Cation conc. entered: <0.2 mg/kg, converted to compound conc.: <0.3 mg/kg or <0.00003%) **IGNORED Because: "<LOD"**
- Zinc chromate: (Cation conc. entered: <5 mg/kg, converted to compound conc.: <13.871 mg/kg or <0.00139%) **IGNORED Because: "<LOD"**
- TPH (C6 to C40) Petroleum Group: (Whole conc. entered as: <10 mg/kg or <0.001%) **IGNORED Because: "<LOD"**
- Naphthalene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Acenaphthylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluorene: (Whole conc. entered as: 0.12 mg/kg or 0.000012%)
- Phenanthrene: (Whole conc. entered as: 0.19 mg/kg or 0.000019%)
- Anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Fluoranthene: (Whole conc. entered as: 0.4 mg/kg or 0.00004%)
- Pyrene: (Whole conc. entered as: 0.24 mg/kg or 0.000024%)
- Benzo[a]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Benzo[b]fluoranthene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Benzo[k]fluoranthene: (Whole conc. entered as: 0.21 mg/kg or 0.000021%)
- Benzo[a]pyrene; benzo[def]chrysene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Dibenz[a,h]anthracene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Indeno[123-cd]pyrene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**
- Benzo[ghi]perylene: (Whole conc. entered as: <0.1 mg/kg or <0.00001%) **IGNORED Because: "<LOD"**



Notes utilised in assessment

C14.3: Step 4, used on:

- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Fluorene"
- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Arsenic trioxide"
- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Phenanthrene"
- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Fluoranthene"
- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Pyrene"
- Test: "H14 on R50, R52, R53, R50/53, R51/53, R52/53" for determinand: "Benzo[k]fluoranthene"

Determinand notes

Note E, used on:

determinand: "Arsenic trioxide"



Appendix A: User Defined and non CLP Substances

Boron tribromide/trichloride/trifluoride (combined risk phrases)

Comments: Combines the risk phrases and the average of the conversion factors for Boron tribromide, Boron trichloride and Boron trifluoride

Data source: N/A

Data source date: 10/01/2011

Classification: R14, T+; R26/28, C; R34, C; R35

Chromium(III) oxide (CAS Number: 1308-38-9)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source: [http://clp-](http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=33806&HarmOnly=no?fc=true&lang=en)

[inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=33806&HarmOnly=no?fc=true&lang=en](http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=33806&HarmOnly=no?fc=true&lang=en)

Data source date: 26/11/2012

Classification: R20, R22, R36, R37, R38, R42, R43, R50/53, R60, R61

TPH (C6 to C40) Petroleum Group

Comments: Risk phrase data given on page A41

Data source: WM2 3rd edition, 2013

Data source date: 01/08/2013

Classification: R10, R45, R46, R51/53, R63, R65

Acenaphthene (CAS Number: 83-32-9)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source:

<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=133563&HarmOnly=no>

Data source date: 16/07/2012

Classification: R36, R37, R38, N; R50/53, N; R51/53

Acenaphthylene (CAS Number: 208-96-8)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source:

<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=59285&HarmOnly=no>

Data source date: 16/07/2012

Classification: R22, R26, R27, R36, R37, R38

Fluorene (CAS Number: 86-73-7)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source:

<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=81845&HarmOnly=no>

Data source date: 16/07/2012

Classification: N; R50/53, R53

Phenanthrene (CAS Number: 85-01-8)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source:

<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=109754&HarmOnly=no>

Data source date: 16/07/2012

Classification: N; R50/53, R22, R36, R37, R38, R40, R43

Anthracene (CAS Number: 120-12-7)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory

Data source:

<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=101102&HarmOnly=no>

Data source date: 08/03/2013

Classification: N; R50/53, R36, R37, R38, R43



Fluoranthene (CAS Number: 206-44-0)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory
Data source:
<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=56375&HarmOnly=no>
Data source date: 16/07/2012
Classification: N; R50/53, R20, R22, R36

Pyrene (CAS Number: 129-00-0)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory
Data source:
<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=87484&HarmOnly=no>
Data source date: 16/07/2012
Classification: N; R50/53, R23

Indeno[123-cd]pyrene (CAS Number: 193-39-5)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory
Data source:
<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=128806&HarmOnly=no>
Data source date: 08/03/2013
Classification: R40

Benzo[ghi]perylene (CAS Number: 191-24-2)

Comments: Risk phrase data taken from European Chemicals Agency's Classification & Labelling Inventory
Data source:
<http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=15793&HarmOnly=no>
Data source date: 16/07/2012
Classification: N; R50/53

Appendix B: Notes

3.4.2

from section: 3.4.2 in the document: "WM2 - Hazardous Waste Technical Guidance"

"If the identity of the oil is unknown, and the petroleum group cannot be established, then the oil contaminating the waste can be classified as non-carcinogenic due to the presence of oil if all three of the following criteria are met:

- the waste contains benzo[a]pyrene (BaP) at a concentration of less than 0.01% (1/10,000th) of the TPH concentration (This is the carcinogenic limit specified in table 3.2 of the CLP for BaP)
- this has been determined by an appropriate and representative sampling approach in accordance with the principles set out in Appendix D, and
- the analysis clearly demonstrates, for example by carbon bands or chromatograph, and the laboratory has reasonably concluded that the hydrocarbons present have not arisen from petrol or diesel

"

Additional Risk Phrase Comments

from section: Table 2.2 in the document: "WM2 - Hazardous Waste Technical Guidance"

"This is an additional risk phrase and such a risk phrase alone will not cause a waste to be hazardous."

C14.3: Step 4

from section: C14.3 in the document: "WM2 - Hazardous Waste Technical Guidance"

"Identify whether any individual ecotoxic substance is present below a cut-off value shown in Table C14.1"

Note 1

from section: 1.1.3.2, Annex VI in the document: "CLP Regulations"

"The concentration stated or, in the absence of such concentrations, the generic concentrations of this Regulation (Table 3.1) or the generic concentrations of Directive 1999/45/EC (Table 3.2), are the percentages by weight of the metallic element calculated with reference to the total weight of the mixture."

Note A

from section: 1.1.3.1, Annex VI in the document: "CLP Regulations"

"Without prejudice to Article 17(2), the name of the substance must appear on the label in the form of one of the designations given in Part 3. In Part 3, use is sometimes made of a general description such as '... compounds' or '..."



salts'. In this case, the supplier is required to state on the label the correct name, due account being taken of section 1.1.1.4."

Note E

from section: 1.1.3.1, Annex VI in the document: "CLP Regulations"

"Substances with specific effects on human health (see Chapter 4 of Annex VI to Directive 67/548/EEC) that are classified as carcinogenic, mutagenic and/or toxic for reproduction in categories 1 or 2 are ascribed Note E if they are also classified as very toxic (T+), toxic (T) or harmful (Xn). For these substances, the risk phrases R20, R21, R22, R23, R24, R25, R26, R27, R28, R39, R68 (harmful), R48 and R65 and all combinations of these risk phrases shall be preceded by the word 'Also'."

Appendix C: Version

Classification utilises the following:

WM2 - Hazardous Waste Technical Guidance, 3rd Edition, August 2013

CLP Regulations - Regulation (EC) No 1272/2008 of the European Parliament and of the Council: 16 December 2008

1st ATP - 1st Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 26

September 2009; binding date 1 Dec 2010

2nd ATP - 2nd Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 30 March

2011; binding date 1 Dec 2012 in respect of substances and 1 June 2015 in respect of mixtures

3rd ATP - 3rd Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 31 July

2012; binding date 1 Dec 2013

4th ATP - 4th Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 20 June

2013; binding date 1 Jun 2015

5th ATP - 5th Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 13 August

2013; binding date 13 Aug 2013

6th ATP - 6th Adaptation to Technical Progress for European Regulation 1272/2008: Date entered into force 26 June

2014; binding date 1 Jun 2015

HazWasteOnline Engine: WM2 version 3 (Aug 2013)

HazWasteOnline Engine Version: 1.0.2652.5587 (10 Oct 2014)

HazWasteOnline Database: 1.0.2652.5587 (11 Oct 2014)