

Waste Classification Report

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

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

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



V95W9-08LMZ-FJYF6

Report is invalid if pages are removed.

Job name

A3653 Berry Brow, Clayton Bridge, Manchester

Description/Comments

Project

A3653

Site

Berry Brow, Clayton Bridge, Manchester

Classified by

Name: **Luke Glover**
Date: **15 Dec 2025 12:24 GMT**
Telephone:
Company: **Earth Environmental & Geotechnical Ltd**

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

HazWasteOnline™ Certification:

-

Course

Hazardous Waste Classification

Date

-

Purpose of classification

2 - Material Characterisation

Address of the waste

31 Berry Brow, Clayton Bridge, Manchester

Post Code M40 1QR

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

Existing material on site.

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

Preliminary investigation.

Description of the waste

Topsoil and clay.



Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS01	0.25	Non Hazardous		3
2	WS01[2]	0.75	Non Hazardous		6
3	WS02	0.30	Non Hazardous		9
4	WS02[2]	0.80	Non Hazardous		12
5	WS03	0.25	Non Hazardous		15
6	WS03[2]	0.75	Non Hazardous		18

Related documents

#	Name	Description
1	Example worst case waste stream template: 17 05 04 or 17 05 03 *	waste stream template used to create this Job

Report

Created by: Luke Glover

Created date: 15 Dec 2025 12:24 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	21
Appendix B: Rationale for selection of metal species	22
Appendix C: Version	23



Classification of sample: WS01

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

Sample details

Sample name:	LoW Code:
WS01	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.25 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
59.3%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 59.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				16 mg/kg	1.895	19.028 mg/kg		0.0019 %	✓	
	033-005-00-1										
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				<0.5 mg/kg	8.868	<4.434 mg/kg		<0.000443 %		<LOD
	004-002-00-2										
4	boron { boric acid; [1] boric acid; [2] }				2.7 mg/kg	5.719	9.694 mg/kg		0.000969 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
5	cadmium { cadmium sulfate }				0.4 mg/kg	1.855	0.466 mg/kg		0.0000466 %	✓	
	048-009-00-9	233-331-6	10124-36-4								
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				12 mg/kg	1.462	11.01 mg/kg		0.0011 %	✓	
		215-160-9	1308-38-9								
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg	2.27	<4.54 mg/kg		<0.000454 %		<LOD
	024-017-00-8										
8	copper { copper sulphate pentahydrate }				37 mg/kg	3.929	91.259 mg/kg		0.00913 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	91 mg/kg	1.56	89.104 mg/kg		0.00571 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
10	mercury { mercury dichloride }				1.1 mg/kg	1.353	0.935 mg/kg		0.0000935 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dibromate }				11 mg/kg	5.358	37 mg/kg		0.0037 %	✓	
	028-053-00-5	238-596-1	14550-87-9								
12	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg		<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	17.93 mg/kg		0.00179 %	✓	
	023-001-00-8	215-239-8	1314-62-1								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc chromate }				68 mg/kg	2.774	118.419 mg/kg	0.0118 %		✓	
	024-007-00-3	236-878-9	13530-65-9								
15	TPH (C6 to C40) petroleum group				<42 mg/kg		<42 mg/kg	<0.0042 %			<LOD
			TPH								
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
17	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
18	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
19	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
20	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
21	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %			<LOD
	006-007-00-5										
22	pH				6.4 pH		6.4 pH	6.4 pH			
			PH								
23	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
25	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
26	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
27	phenanthrene				1.13 mg/kg		0.709 mg/kg	0.0000709 %		✓	
		201-581-5	85-01-8								
28	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
29	fluoranthene				1.77 mg/kg		1.111 mg/kg	0.000111 %		✓	
		205-912-4	206-44-0								
30	pyrene				1.6 mg/kg		1.004 mg/kg	0.0001 %		✓	
		204-927-3	129-00-0								
31	benzo[a]anthracene				0.64 mg/kg		0.402 mg/kg	0.0000402 %		✓	
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				0.71 mg/kg		0.446 mg/kg	0.0000446 %		✓	
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				0.61 mg/kg		0.383 mg/kg	0.0000383 %		✓	
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				0.47 mg/kg		0.295 mg/kg	0.0000295 %		✓	
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				0.27 mg/kg		0.169 mg/kg	0.0000169 %		✓	
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				0.25 mg/kg		0.157 mg/kg	0.0000157 %		✓	
		205-883-8	191-24-2								
39	phenol				3.4 mg/kg		2.134 mg/kg	0.000213 %		✓	
	604-001-00-2	203-632-7	108-95-2								
Total:									0.037 %		



Key

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

Classification of sample: WS01[2]

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

Sample details

Sample name:	LoW Code:
WS01[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.75 m	
Moisture content:	
18.7%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.7% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		asbestos fibres detected (Yes/No)				No							
				ACM_FIBRES									
2		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				8 mg/kg		1.895	12.768 mg/kg		0.00128 %	✓	
		033-005-00-1											
3		beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.6 mg/kg		8.868	4.483 mg/kg		0.000448 %	✓	
		004-002-00-2											
4		boron { boric acid; [1] boric acid; [2] }				<1 mg/kg		5.719	<5.719 mg/kg		<0.000572 %		<LOD
		005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5		cadmium { cadmium sulfate }				<0.2 mg/kg		1.855	<0.371 mg/kg		<0.0000371 %		<LOD
		048-009-00-9	233-331-6	10124-36-4									
6		chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				14 mg/kg		1.462	17.238 mg/kg		0.00172 %	✓	
			215-160-9	1308-38-9									
7		chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg		2.27	<4.54 mg/kg		<0.000454 %		<LOD
		024-017-00-8											
8		copper { copper sulphate pentahydrate }				20 mg/kg		3.929	66.201 mg/kg		0.00662 %	✓	
		029-023-00-4	231-847-6	7758-99-8									
9		lead { lead chromate }			1	26 mg/kg		1.56	34.166 mg/kg		0.00219 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
10		mercury { mercury dichloride }				<1 mg/kg		1.353	<1.353 mg/kg		<0.000135 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
11		nickel { nickel dibromate }				14 mg/kg		5.358	63.198 mg/kg		0.00632 %	✓	
		028-053-00-5	238-596-1	14550-87-9									
12		selenium { nickel selenate }				<2 mg/kg		2.554	<5.108 mg/kg		<0.000511 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
13		vanadium { divanadium pentaoxide; vanadium pentoxide }				18 mg/kg		1.785	27.071 mg/kg		0.00271 %	✓	
		023-001-00-8	215-239-8	1314-62-1									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc chromate }				47 mg/kg	2.774	109.844	mg/kg	0.011 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
15	TPH (C6 to C40) petroleum group				<42 mg/kg		<42	mg/kg	<0.0042 %		<LOD
			TPH								
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
17	benzene				<0.002 mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
18	toluene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
19	ethylbenzene				<0.002 mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
20	xylene				<0.002 mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
21	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
	006-007-00-5										
22	pH				5.6 pH		5.6	pH	5.6 pH		
			PH								
23	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
25	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
26	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
27	phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8								
28	anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
29	fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0								
30	pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0								
31	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
39	phenol				<2 mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0323 %		



Key

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



Classification of sample: WS02

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

Sample details

Sample name:	LoW Code:
WS02	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.3%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				19 mg/kg	1.895	30.428 mg/kg		0.00304 %	✓	
	033-005-00-1										
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.9 mg/kg	8.868	6.747 mg/kg		0.000675 %	✓	
	004-002-00-2										
4	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg		<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
5	cadmium { cadmium sulfate }				0.5 mg/kg	1.855	0.784 mg/kg		0.0000784 %	✓	
	048-009-00-9	233-331-6	10124-36-4								
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	23.474 mg/kg		0.00235 %	✓	
		215-160-9	1308-38-9								
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg	2.27	<4.54 mg/kg		<0.000454 %		<LOD
	024-017-00-8										
8	copper { copper sulphate pentahydrate }				64 mg/kg	3.929	212.561 mg/kg		0.0213 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	170 mg/kg	1.56	224.149 mg/kg		0.0144 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
10	mercury { mercury dichloride }				1.4 mg/kg	1.353	1.602 mg/kg		0.00016 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dibromate }				19 mg/kg	5.358	86.059 mg/kg		0.00861 %	✓	
	028-053-00-5	238-596-1	14550-87-9								
12	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg		<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	37.726 mg/kg		0.00377 %	✓	
	023-001-00-8	215-239-8	1314-62-1								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc chromate }				96 mg/kg	2.774	225.121 mg/kg	0.0225 %		✓	
	024-007-00-3	236-878-9	13530-65-9								
15	TPH (C6 to C40) petroleum group				<42 mg/kg		<42 mg/kg	<0.0042 %			<LOD
			TPH								
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
17	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
18	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
19	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
20	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
21	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %			<LOD
	006-007-00-5										
22	pH				6.8 pH		6.8 pH	6.8 pH			
			PH								
23	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
25	acenaphthene				0.2 mg/kg		0.169 mg/kg	0.0000169 %		✓	
		201-469-6	83-32-9								
26	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
27	phenanthrene				1.31 mg/kg		1.107 mg/kg	0.000111 %		✓	
		201-581-5	85-01-8								
28	anthracene				0.27 mg/kg		0.228 mg/kg	0.0000228 %		✓	
		204-371-1	120-12-7								
29	fluoranthene				1.77 mg/kg		1.496 mg/kg	0.00015 %		✓	
		205-912-4	206-44-0								
30	pyrene				1.58 mg/kg		1.336 mg/kg	0.000134 %		✓	
		204-927-3	129-00-0								
31	benzo[a]anthracene				0.6 mg/kg		0.507 mg/kg	0.0000507 %		✓	
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				0.73 mg/kg		0.617 mg/kg	0.0000617 %		✓	
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				0.66 mg/kg		0.558 mg/kg	0.0000558 %		✓	
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				0.22 mg/kg		0.186 mg/kg	0.0000186 %		✓	
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				0.47 mg/kg		0.397 mg/kg	0.0000397 %		✓	
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				0.27 mg/kg		0.228 mg/kg	0.0000228 %		✓	
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				0.28 mg/kg		0.237 mg/kg	0.0000237 %		✓	
		205-883-8	191-24-2								
39	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0775 %		



Key

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

Classification of sample: WS02[2]

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

Sample details

Sample name:	LoW Code:
WS02[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.80 m	
Moisture content:	
17.6%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				5 mg/kg	1.895	8.055 mg/kg	0.000805 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.5 mg/kg	8.868	3.77 mg/kg	0.000377 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.2 mg/kg	1.855	0.315 mg/kg	0.0000315 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	16.157 mg/kg	0.00162 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg	2.27	<4.54 mg/kg	<0.000454 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				13 mg/kg	3.929	43.433 mg/kg	0.00434 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	17 mg/kg	1.56	22.548 mg/kg	0.00145 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				<1 mg/kg	1.353	<1.353 mg/kg	<0.000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				10 mg/kg	5.358	45.564 mg/kg	0.00456 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				18 mg/kg	1.785	27.324 mg/kg	0.00273 %	✓	
	023-001-00-8	215-239-8	1314-62-1							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc chromate }				43 mg/kg	2.774	101.436 mg/kg	0.0101 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
15	TPH (C6 to C40) petroleum group				<42 mg/kg		<42 mg/kg	<0.0042 %			<LOD
			TPH								
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
17	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
18	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
19	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
20	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
21	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %			<LOD
	006-007-00-5										
22	pH				6.4 pH		6.4 pH	6.4 pH			
			PH								
23	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
25	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
26	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
27	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
28	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
29	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
30	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
31	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
39	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0261 %		



Key

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



Classification of sample: WS03

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

Sample details

Sample name:	LoW Code:
WS03	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.25 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16.1%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16.1% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	asbestos fibres detected (Yes/No)				No						
			ACM_FIBRES								
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				23 mg/kg	1.895	37.531 mg/kg		0.00375 %	✓	
	033-005-00-1										
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.9 mg/kg	8.868	6.874 mg/kg		0.000687 %	✓	
	004-002-00-2										
4	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg		<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
5	cadmium { cadmium sulfate }				0.8 mg/kg	1.855	1.278 mg/kg		0.000128 %	✓	
	048-009-00-9	233-331-6	10124-36-4								
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				18 mg/kg	1.462	22.66 mg/kg		0.00227 %	✓	
		215-160-9	1308-38-9								
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg	2.27	<4.54 mg/kg		<0.000454 %		<LOD
	024-017-00-8										
8	copper { copper sulphate pentahydrate }				71 mg/kg	3.929	240.278 mg/kg		0.024 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	97 mg/kg	1.56	130.32 mg/kg		0.00835 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
10	mercury { mercury dichloride }				2 mg/kg	1.353	2.332 mg/kg		0.000233 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dibromate }				17 mg/kg	5.358	78.459 mg/kg		0.00785 %	✓	
	028-053-00-5	238-596-1	14550-87-9								
12	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg		<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	38.441 mg/kg		0.00384 %	✓	
	023-001-00-8	215-239-8	1314-62-1								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc chromate }				79 mg/kg	2.774	188.766 mg/kg	0.0189 %		✓	
	024-007-00-3	236-878-9	13530-65-9								
15	TPH (C6 to C40) petroleum group				<42 mg/kg		<42 mg/kg	<0.0042 %			<LOD
			TPH								
16	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
17	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
18	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
19	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
20	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
21	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %			<LOD
	006-007-00-5										
22	pH				5.2 pH		5.2 pH	5.2 pH			
			PH								
23	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
25	acenaphthene				0.13 mg/kg		0.112 mg/kg	0.0000112 %		✓	
		201-469-6	83-32-9								
26	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
27	phenanthrene				0.88 mg/kg		0.758 mg/kg	0.0000758 %		✓	
		201-581-5	85-01-8								
28	anthracene				0.18 mg/kg		0.155 mg/kg	0.0000155 %		✓	
		204-371-1	120-12-7								
29	fluoranthene				1.22 mg/kg		1.051 mg/kg	0.000105 %		✓	
		205-912-4	206-44-0								
30	pyrene				1.13 mg/kg		0.973 mg/kg	0.0000973 %		✓	
		204-927-3	129-00-0								
31	benzo[a]anthracene				0.5 mg/kg		0.431 mg/kg	0.0000431 %		✓	
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				0.54 mg/kg		0.465 mg/kg	0.0000465 %		✓	
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				0.52 mg/kg		0.448 mg/kg	0.0000448 %		✓	
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				0.19 mg/kg		0.164 mg/kg	0.0000164 %		✓	
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				0.37 mg/kg		0.319 mg/kg	0.0000319 %		✓	
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				0.21 mg/kg		0.181 mg/kg	0.0000181 %		✓	
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				0.23 mg/kg		0.198 mg/kg	0.0000198 %		✓	
		205-883-8	191-24-2								
39	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0705 %		



Key

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



Classification of sample: WS03[2]



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

Sample details

Sample name:	LoW Code:
WS03[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.75 m	
Moisture content:	
16.6%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	asbestos fibres detected (Yes/No)				No					
			ACM_FIBRES							
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				22 mg/kg	1.895	35.746 mg/kg	0.00357 %	✓	
	033-005-00-1									
3	beryllium { beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex }				0.9 mg/kg	8.868	6.845 mg/kg	0.000684 %	✓	
	004-002-00-2									
4	boron { boric acid; [1] boric acid; [2] }				<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium sulfate }				0.7 mg/kg	1.855	1.113 mg/kg	0.000111 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	23.816 mg/kg	0.00238 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<2 mg/kg	2.27	<4.54 mg/kg	<0.000454 %		<LOD
	024-017-00-8									
8	copper { copper sulphate pentahydrate }				71 mg/kg	3.929	239.248 mg/kg	0.0239 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
9	lead { lead chromate }			1	97 mg/kg	1.56	129.762 mg/kg	0.00832 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
10	mercury { mercury dichloride }				2.5 mg/kg	1.353	2.902 mg/kg	0.00029 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dibromate }				17 mg/kg	5.358	78.123 mg/kg	0.00781 %	✓	
	028-053-00-5	238-596-1	14550-87-9							
12	selenium { nickel selenate }				<2 mg/kg	2.554	<5.108 mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	38.276 mg/kg	0.00383 %	✓	
	023-001-00-8	215-239-8	1314-62-1							



#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
14		zinc { zinc chromate }				81	mg/kg	2.774	192.715	mg/kg	0.0193 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
15		TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
				TPH									
16		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
17		benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
18		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
19		ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
21		cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2	mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
		006-007-00-5											
22		pH				5.8	pH		5.8	pH	5.8 pH		
				PH									
23		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
24		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
25		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
26		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
27		phenanthrene				0.6	mg/kg		0.515	mg/kg	0.0000515 %	✓	
			201-581-5	85-01-8									
28		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
29		fluoranthene				0.95	mg/kg		0.815	mg/kg	0.0000815 %	✓	
			205-912-4	206-44-0									
30		pyrene				0.98	mg/kg		0.84	mg/kg	0.000084 %	✓	
			204-927-3	129-00-0									
31		benzo[a]anthracene				0.44	mg/kg		0.377	mg/kg	0.0000377 %	✓	
		601-033-00-9	200-280-6	56-55-3									
32		chrysene				0.54	mg/kg		0.463	mg/kg	0.0000463 %	✓	
		601-048-00-0	205-923-4	218-01-9									
33		benzo[b]fluoranthene				0.61	mg/kg		0.523	mg/kg	0.0000523 %	✓	
		601-034-00-4	205-911-9	205-99-2									
34		benzo[k]fluoranthene				0.2	mg/kg		0.172	mg/kg	0.0000172 %	✓	
		601-036-00-5	205-916-6	207-08-9									
35		benzo[a]pyrene; benzo[def]chrysene				0.38	mg/kg		0.326	mg/kg	0.0000326 %	✓	
		601-032-00-3	200-028-5	50-32-8									
36		indeno[123-cd]pyrene				0.23	mg/kg		0.197	mg/kg	0.0000197 %	✓	
			205-893-2	193-39-5									
37		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
38		benzo[ghi]perylene				0.23	mg/kg		0.197	mg/kg	0.0000197 %	✓	
			205-883-8	191-24-2									
39		phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:											0.0706 %		



Key

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

Appendix A: Classifier defined and non GB MCL determinands

▀ **asbestos fibres detected (Yes/No)** (CAS Number: ACM_FIBRES)

Description/Comments: not classified, information only

Data source: N/A

Data source date: 15 Jan 2020

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

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

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

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

▀ **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from:: IARC Group 2B (77) 2000

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

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

▀ **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

Appendix B: Rationale for selection of metal species

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for arsenic acid H₃AsO₄. (edit as required)

beryllium {beryllium compounds with the exception of aluminium beryllium silicates, and with those specified elsewhere in this Annex}

Worst case CLP species based on hazard statements/molecular weight and conversion factor for beryllium chloride. (edit as required)

boron {boric acid; [1] boric acid; [2]}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming water is or has been present. (edit as required)

cadmium {cadmium sulfate}

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

chromium in Cr(III) compounds {chromium(III) oxide (worst case)}

No chromium (VI) detected.

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

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

copper {copper sulphate pentahydrate}

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

lead {lead chromate}

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

mercury {mercury dichloride}

Reasonable worst case CLP species based on hazard statements/molecular weight and assuming no evidence for the use of explosives. (edit as required)

nickel {nickel dibromate}

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

selenium {nickel selenate}

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

vanadium {divanadium pentaoxide; vanadium pentoxide}

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

zinc {zinc chromate}

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

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

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

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2025.345.6921.12504 (11 Dec 2025)

HazWasteOnline Database: 2025.345.6921.12504 (11 Dec 2025)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GB MCL List - version 1.1 of 09 June 2021

GB MCL List v2.0 - version 2.0 of 20th October 2023

GB MCL List v3.0 - version 3.0 of 11th January 2024

GB MCL List v4.0 - version 4.0 of 2nd March 2024

GB MCL List v5.0 - version 5.0 of 26th June 2024

GB MCL List v6.0 - version 6.0 of 15th February 2025

GB MCL List v7.0 - version 7.0 of 23rd September 2025