



Waste Classification Report



ZBWGP-HMUMF-GT2TM

Job name

A23333

Description/Comments

Project

Site

Waste Stream Template

Example waste stream template for contaminated soils

Classified by

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Report

Created by: Adam Czarnecki
Created date: 1/24/2018 16:38 UTC

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS101	0.15 - 0.30	Non Hazardous		2
2	WS102	0.20 - 0.40	Hazardous	HP 7, HP 11	5
3	WS104	0.30 - 0.60	Non Hazardous		8
4	WS104[1]	1.00 - 1.30	Non Hazardous		11
5	TP101	0.20 - 0.50	Non Hazardous		14
6	TP102	0.30 - 0.50	Hazardous	HP 7, HP 11	17
7	TP103	0.60 - 0.90	Non Hazardous		20
8	TP104	0.30 - 0.60	Non Hazardous		23

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	26
Appendix B: Rationale for selection of metal species	27
Appendix C: Version	28

Classification of sample: WS101

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

Sample details

Sample Name:	LoW Code:
WS101	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.15 - 0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.4% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				4	mg/kg	1.32	4.828	mg/kg	0.000483 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<LOD
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				0.5	mg/kg	1.142	0.522	mg/kg	0.0000522 %	✓	
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide }				9	mg/kg	1.462	12.024	mg/kg	0.0012 %	✓	
			215-160-9	1308-38-9									
6		chromium in chromium(VI) compounds { chromium(VI) oxide }				<2	mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
		024-001-00-0	215-607-8	1333-82-0									
7		copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	15.437	mg/kg	0.00154 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	688	mg/kg	1.56	980.944	mg/kg	0.0629 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
9		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									
10		nickel { nickel chromate }				6	mg/kg	2.976	16.323	mg/kg	0.00163 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
		034-002-00-8											
12		zinc { zinc chromate }				42	mg/kg	2.774	106.503	mg/kg	0.0107 %	✓	
		024-007-00-3											
13		TPH (C6 to C40) petroleum group				1001	mg/kg		914.991	mg/kg	0.0915 %	✓	
				TPH									



#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value		MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number										
14		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										
15		benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2										
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3										
17	●	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4										
18		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]										
19	🧪	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002	mg/kg	1.884	<0.0037	mg/kg	<0.000000377 %		<LOD	
		006-007-00-5												
20	●	pH				8.6	pH		8.6	pH	8.6 pH			
				PH										
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
		601-052-00-2	202-049-5	91-20-3										
22	●	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8										
23	●	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			201-469-6	83-32-9										
24	●	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			201-695-5	86-73-7										
25	●	phenanthrene				0.29	mg/kg		0.265	mg/kg	0.0000265 %	✓		
			201-581-5	85-01-8										
26	●	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			204-371-1	120-12-7										
27	●	fluoranthene				0.5	mg/kg		0.457	mg/kg	0.0000457 %	✓		
			205-912-4	206-44-0										
28	●	pyrene				0.54	mg/kg		0.494	mg/kg	0.0000494 %	✓		
			204-927-3	129-00-0										
29		benzo[a]anthracene				0.21	mg/kg		0.192	mg/kg	0.0000192 %	✓		
		601-033-00-9	200-280-6	56-55-3										
30		chrysene				0.36	mg/kg		0.329	mg/kg	0.0000329 %	✓		
		601-048-00-0	205-923-4	218-01-9										
31		benzo[b]fluoranthene				0.34	mg/kg		0.311	mg/kg	0.0000311 %	✓		
		601-034-00-4	205-911-9	205-99-2										
32		benzo[k]fluoranthene				0.12	mg/kg		0.11	mg/kg	0.000011 %	✓		
		601-036-00-5	205-916-6	207-08-9										
33		benzo[a]pyrene; benzo[def]chrysene				0.25	mg/kg		0.229	mg/kg	0.0000229 %	✓		
		601-032-00-3	200-028-5	50-32-8										
34	●	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5										
35		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										
36	●	benzo[ghi]perylene				0.11	mg/kg		0.101	mg/kg	0.0000101 %	✓		
			205-883-8	191-24-2										
37		phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2										
Total:												0.172 %		

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because**
No free phase

Classification of sample: WS102

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

Sample details

Sample Name:	LoW Code:	
WS102	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.20 - 0.40 m		
Moisture content:		
4.7%		
(dry weight correction)		

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

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

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

Hazard Statements hit:

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

Because of determinand:

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

Determinands

Moisture content: 4.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				8 mg/kg	1.32	10.088 mg/kg	0.00101 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				0.7 mg/kg	2.775	1.856 mg/kg	0.000186 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
4	cadmium { cadmium oxide }				0.3 mg/kg	1.142	0.327 mg/kg	0.0000327 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide }				20 mg/kg	1.462	27.919 mg/kg	0.00279 %	✓	
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
7	copper { dicopper oxide; copper (I) oxide }				40	mg/kg	1.126	43.014	mg/kg	0.0043 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	153	mg/kg	1.56	227.939	mg/kg	0.0146 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	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									
10	nickel { nickel chromate }				13	mg/kg	2.976	36.955	mg/kg	0.0037 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
	034-002-00-8											
12	zinc { zinc chromate }				109	mg/kg	2.774	288.808	mg/kg	0.0289 %	✓	
	024-007-00-3											
13	TPH (C6 to C40) petroleum group				1327	mg/kg		1267.431	mg/kg	0.127 %	✓	
			TPH									
14	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									
15	benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	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]									
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002	mg/kg	1.884	<0.0037	mg/kg	<0.000000377 %		<LOD
	006-007-00-5											
20	pH				10.8	pH		10.8	pH	10.8 pH		
			PH									
21	naphthalene				0.18	mg/kg		0.172	mg/kg	0.0000172 %	✓	
	601-052-00-2	202-049-5	91-20-3									
22	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
23	acenaphthene				0.22	mg/kg		0.21	mg/kg	0.000021 %	✓	
		201-469-6	83-32-9									
24	fluorene				0.17	mg/kg		0.162	mg/kg	0.0000162 %	✓	
		201-695-5	86-73-7									
25	phenanthrene				1.39	mg/kg		1.328	mg/kg	0.000133 %	✓	
		201-581-5	85-01-8									
26	anthracene				0.29	mg/kg		0.277	mg/kg	0.0000277 %	✓	
		204-371-1	120-12-7									
27	fluoranthene				1.7	mg/kg		1.624	mg/kg	0.000162 %	✓	
		205-912-4	206-44-0									
28	pyrene				1.57	mg/kg		1.5	mg/kg	0.00015 %	✓	
		204-927-3	129-00-0									
29	benzo[a]anthracene				0.72	mg/kg		0.688	mg/kg	0.0000688 %	✓	
	601-033-00-9	200-280-6	56-55-3									
30	chrysene				0.88	mg/kg		0.84	mg/kg	0.000084 %	✓	
	601-048-00-0	205-923-4	218-01-9									
31	benzo[b]fluoranthene				0.92	mg/kg		0.879	mg/kg	0.0000879 %	✓	
	601-034-00-4	205-911-9	205-99-2									
32	benzo[k]fluoranthene				0.29	mg/kg		0.277	mg/kg	0.0000277 %	✓	
	601-036-00-5	205-916-6	207-08-9									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
33	benzo[a]pyrene; benzo[def]chrysene				0.69 mg/kg		0.659 mg/kg	0.0000659 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.33 mg/kg		0.315 mg/kg	0.0000315 %	✓	
		205-893-2	193-39-5							
35	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							
36	benzo[ghi]perylene				0.33 mg/kg		0.315 mg/kg	0.0000315 %	✓	
		205-883-8	191-24-2							
37	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.185 %		

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because No free phase**

Classification of sample: WS104

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

Sample details

Sample Name:	LoW Code:
WS104	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 - 0.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13.9%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	24	mg/kg	1.32	27.821	mg/kg	0.00278 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4	mg/kg	2.775	3.411	mg/kg	0.000341 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.2	mg/kg	1.142	0.201	mg/kg	0.0000201 %	✓	
5	chromium in chromium(III) compounds { chromium(III) oxide }	215-160-9	1308-38-9		19	mg/kg	1.462	24.381	mg/kg	0.00244 %	✓	
6	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<2	mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	44	mg/kg	1.126	43.493	mg/kg	0.00435 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	65	mg/kg	1.56	89.015	mg/kg	0.00571 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<1	mg/kg	1.353	<1.353	mg/kg	<0.000135 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	22	mg/kg	2.976	57.487	mg/kg	0.00575 %	✓	
11	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }	034-002-00-8			<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
12	zinc { zinc chromate }	024-007-00-3			68	mg/kg	2.774	165.621	mg/kg	0.0166 %	✓	
13	TPH (C6 to C40) petroleum group		TPH		315	mg/kg		276.558	mg/kg	0.0277 %	✓	



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
14		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								
15		benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
16		toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
17	●	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4								
18		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]								
19	🧪	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }										
		006-007-00-5										
20	●	pH										
				PH								
21		naphthalene				0.43 mg/kg		0.378 mg/kg	0.0000378 %	✓		
		601-052-00-2	202-049-5	91-20-3								
22	●	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
23	●	acenaphthene				0.35 mg/kg		0.307 mg/kg	0.0000307 %	✓		
			201-469-6	83-32-9								
24	●	fluorene				0.31 mg/kg		0.272 mg/kg	0.0000272 %	✓		
			201-695-5	86-73-7								
25	●	phenanthrene				3.95 mg/kg		3.468 mg/kg	0.000347 %	✓		
			201-581-5	85-01-8								
26	●	anthracene				0.66 mg/kg		0.579 mg/kg	0.0000579 %	✓		
			204-371-1	120-12-7								
27	●	fluoranthene				6.35 mg/kg		5.575 mg/kg	0.000558 %	✓		
			205-912-4	206-44-0								
28	●	pyrene				6.87 mg/kg		6.032 mg/kg	0.000603 %	✓		
			204-927-3	129-00-0								
29		benzo[a]anthracene				3.15 mg/kg		2.766 mg/kg	0.000277 %	✓		
		601-033-00-9	200-280-6	56-55-3								
30		chrysene				3.9 mg/kg		3.424 mg/kg	0.000342 %	✓		
		601-048-00-0	205-923-4	218-01-9								
31		benzo[b]fluoranthene				4.28 mg/kg		3.758 mg/kg	0.000376 %	✓		
		601-034-00-4	205-911-9	205-99-2								
32		benzo[k]fluoranthene				1.36 mg/kg		1.194 mg/kg	0.000119 %	✓		
		601-036-00-5	205-916-6	207-08-9								
33		benzo[a]pyrene; benzo[def]chrysene				2.96 mg/kg		2.599 mg/kg	0.00026 %	✓		
		601-032-00-3	200-028-5	50-32-8								
34	●	indeno[123-cd]pyrene				1.46 mg/kg		1.282 mg/kg	0.000128 %	✓		
			205-893-2	193-39-5								
35		dibenz[a,h]anthracene				0.28 mg/kg		0.246 mg/kg	0.0000246 %	✓		
		601-041-00-2	200-181-8	53-70-3								
36	●	benzo[ghi]perylene				1.24 mg/kg		1.089 mg/kg	0.000109 %	✓		
			205-883-8	191-24-2								
37		phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
								Total:	0.0707 %			

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because**
No free phase



Classification of sample: WS104[1]

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

Sample details

Sample Name:	LoW Code:
WS104[1]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 - 1.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13.4% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
1	 arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7	mg/kg	1.32	8.15	mg/kg	0.000815 %	✓	
2	 beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9								
3	 boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
4	 cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0								
5	 chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9	25	mg/kg	1.462	32.221	mg/kg	0.00322 %	✓	
6	 chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0								
7	 copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	22	mg/kg	1.126	21.843	mg/kg	0.00218 %	✓	
8	 lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6								
9	 mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<1	mg/kg	1.353	<1.353	mg/kg	<0.000135 %		<LOD
10	 nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7								
11	 selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
12	 zinc { zinc chromate }	024-007-00-3										
13	 TPH (C6 to C40) petroleum group			TPH	<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
14		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								
15		benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
16		toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
17	●	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4								
18		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-022-00-9	202-422-2 [1]	95-47-6 [1]								
			203-396-5 [2]	106-42-3 [2]								
			203-576-3 [3]	108-38-3 [3]								
			215-535-7 [4]	1330-20-7 [4]								
19	🧪	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002 mg/kg	1.884	<0.0037 mg/kg	<0.000000377 %		<LOD	
		006-007-00-5										
20	●	pH				8.3 pH		8.3 pH	8.3 pH			
				PH								
21		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-052-00-2	202-049-5	91-20-3								
22	●	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
23	●	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-469-6	83-32-9								
24	●	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-695-5	86-73-7								
25	●	phenanthrene				0.15 mg/kg		0.132 mg/kg	0.0000132 %	✓		
			201-581-5	85-01-8								
26	●	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			204-371-1	120-12-7								
27	●	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-912-4	206-44-0								
28	●	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			204-927-3	129-00-0								
29		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-033-00-9	200-280-6	56-55-3								
30		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-048-00-0	205-923-4	218-01-9								
31		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-034-00-4	205-911-9	205-99-2								
32		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-036-00-5	205-916-6	207-08-9								
33		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								
34	●	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5								
35		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								
36	●	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-883-8	191-24-2								
37		phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0355 %			



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: TP101

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

Sample details

Sample Name:	LoW Code:
TP101	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20 - 0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				20 mg/kg	1.32	23.286	mg/kg	0.00233 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.2 mg/kg	2.775	2.937	mg/kg	0.000294 %	✓	
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide }				21 mg/kg	1.462	27.066	mg/kg	0.00271 %	✓	
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				50 mg/kg	1.126	49.642	mg/kg	0.00496 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	91 mg/kg	1.56	125.17	mg/kg	0.00802 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
9	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								
10	nickel { nickel chromate }				26 mg/kg	2.976	68.239	mg/kg	0.00682 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
	034-002-00-8										
12	zinc { zinc chromate }				99 mg/kg	2.774	242.187	mg/kg	0.0242 %	✓	
	024-007-00-3										
13	TPH (C6 to C40) petroleum group				193 mg/kg		170.194	mg/kg	0.017 %	✓	
			TPH								



#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value		MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number										
14		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										
15		benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2										
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3										
17	●	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4										
18		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]										
19	🌐	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002	mg/kg	1.884	<0.0037	mg/kg	<0.000000377 %		<LOD	
		006-007-00-5												
20	●	pH				8.4	pH		8.4	pH	8.4 pH			
				PH										
21		naphthalene				0.49	mg/kg		0.432	mg/kg	0.0000432 %	✓		
		601-052-00-2	202-049-5	91-20-3										
22	●	acenaphthylene				0.14	mg/kg		0.123	mg/kg	0.0000123 %	✓		
			205-917-1	208-96-8										
23	●	acenaphthene				0.27	mg/kg		0.238	mg/kg	0.0000238 %	✓		
			201-469-6	83-32-9										
24	●	fluorene				0.29	mg/kg		0.256	mg/kg	0.0000256 %	✓		
			201-695-5	86-73-7										
25	●	phenanthrene				3.23	mg/kg		2.848	mg/kg	0.000285 %	✓		
			201-581-5	85-01-8										
26	●	anthracene				0.64	mg/kg		0.564	mg/kg	0.0000564 %	✓		
			204-371-1	120-12-7										
27	●	fluoranthene				6.15	mg/kg		5.423	mg/kg	0.000542 %	✓		
			205-912-4	206-44-0										
28	●	pyrene				5.57	mg/kg		4.912	mg/kg	0.000491 %	✓		
			204-927-3	129-00-0										
29		benzo[a]anthracene				2.4	mg/kg		2.116	mg/kg	0.000212 %	✓		
		601-033-00-9	200-280-6	56-55-3										
30		chrysene				3.21	mg/kg		2.831	mg/kg	0.000283 %	✓		
		601-048-00-0	205-923-4	218-01-9										
31		benzo[b]fluoranthene				3.7	mg/kg		3.263	mg/kg	0.000326 %	✓		
		601-034-00-4	205-911-9	205-99-2										
32		benzo[k]fluoranthene				1.17	mg/kg		1.032	mg/kg	0.000103 %	✓		
		601-036-00-5	205-916-6	207-08-9										
33		benzo[a]pyrene; benzo[def]chrysene				2.54	mg/kg		2.24	mg/kg	0.000224 %	✓		
		601-032-00-3	200-028-5	50-32-8										
34	●	indeno[123-cd]pyrene				1.37	mg/kg		1.208	mg/kg	0.000121 %	✓		
			205-893-2	193-39-5										
35		dibenz[a,h]anthracene				0.24	mg/kg		0.212	mg/kg	0.0000212 %	✓		
		601-041-00-2	200-181-8	53-70-3										
36	●	benzo[ghi]perylene				1.17	mg/kg		1.032	mg/kg	0.000103 %	✓		
			205-883-8	191-24-2										
37		phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2										
Total:											0.0711 %			

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because**
No free phase

Classification of sample: TP102

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

Sample details

Sample Name:	LoW Code:	
TP102	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.30 - 0.50 m		
Moisture content:		
1.5%		
(dry weight correction)		

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.161%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.161%)

Determinands

Moisture content: 1.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	 arsenic { arsenic trioxide }				3 mg/kg	1.32	3.902	mg/kg	0.00039 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	 beryllium { beryllium oxide }				<0.5 mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<LOD
	004-003-00-8	215-133-1	1304-56-9								
3	 boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2								
4	 cadmium { cadmium oxide }				0.7 mg/kg	1.142	0.788	mg/kg	0.0000788 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
5	 chromium in chromium(III) compounds { chromium(III) oxide }				6 mg/kg	1.462	8.64	mg/kg	0.000864 %	✓	
		215-160-9	1308-38-9								
6	 chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
7	copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	16.639	mg/kg	0.00166 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	22	mg/kg	1.56	33.809	mg/kg	0.00217 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	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									
10	nickel { nickel chromate }				8	mg/kg	2.976	23.458	mg/kg	0.00235 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
	034-002-00-8											
12	zinc { zinc chromate }				57	mg/kg	2.774	155.79	mg/kg	0.0156 %	✓	
	024-007-00-3											
13	TPH (C6 to C40) petroleum group				1631	mg/kg		1606.897	mg/kg	0.161 %	✓	
			TPH									
14	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									
15	benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	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]									
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002	mg/kg	1.884	<0.0037	mg/kg	<0.000000377 %		<LOD
	006-007-00-5											
20	pH				8.7	pH		8.7	pH	8.7 pH		
			PH									
21	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
22	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
23	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
24	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
25	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
26	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
27	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
28	pyrene				0.14	mg/kg		0.138	mg/kg	0.0000138 %	✓	
		204-927-3	129-00-0									
29	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
30	chrysene				0.18	mg/kg		0.177	mg/kg	0.0000177 %	✓	
	601-048-00-0	205-923-4	218-01-9									
31	benzo[b]fluoranthene				0.1	mg/kg		0.0985	mg/kg	0.00000985 %	✓	
	601-034-00-4	205-911-9	205-99-2									
32	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
33	benzo[a]pyrene; benzo[def]chrysene				0.11 mg/kg		0.108 mg/kg	0.0000108 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
35	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							
36	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
37	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.186 %		

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because No free phase**

Classification of sample: TP103

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

Sample details

Sample Name:	LoW Code:
TP103	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.60 - 0.90 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				20 mg/kg	1.32	23.704 mg/kg	0.00237 %		✔	
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.5 mg/kg	2.775	3.737 mg/kg	0.000374 %		✔	
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide }				21 mg/kg	1.462	27.552 mg/kg	0.00276 %		✔	
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				58 mg/kg	1.126	58.619 mg/kg	0.00586 %		✔	
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	144 mg/kg	1.56	201.628 mg/kg	0.0129 %		✔	
	082-004-00-2	231-846-0	7758-97-6								
9	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								
10	nickel { nickel chromate }				25 mg/kg	2.976	66.792 mg/kg	0.00668 %		✔	
	028-035-00-7	238-766-5	14721-18-7								
11	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661 mg/kg	<0.000766 %			<LOD
	034-002-00-8										
12	zinc { zinc chromate }				91 mg/kg	2.774	226.613 mg/kg	0.0227 %		✔	
	024-007-00-3										
13	TPH (C6 to C40) petroleum group				822 mg/kg		737.882 mg/kg	0.0738 %		✔	
			TPH								



#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value		MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number										
14		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										
15		benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2										
16		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3										
17	●	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4										
18		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]										
19	🧪	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002	mg/kg	1.884	<0.0037	mg/kg	<0.000000377 %		<LOD	
		006-007-00-5												
20	●	pH				10.4	pH		10.4	pH	10.4 pH			
				PH										
21		naphthalene				0.33	mg/kg		0.296	mg/kg	0.0000296 %	✓		
		601-052-00-2	202-049-5	91-20-3										
22	●	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8										
23	●	acenaphthene				0.41	mg/kg		0.368	mg/kg	0.0000368 %	✓		
			201-469-6	83-32-9										
24	●	fluorene				0.4	mg/kg		0.359	mg/kg	0.0000359 %	✓		
			201-695-5	86-73-7										
25	●	phenanthrene				3.04	mg/kg		2.729	mg/kg	0.000273 %	✓		
			201-581-5	85-01-8										
26	●	anthracene				0.68	mg/kg		0.61	mg/kg	0.000061 %	✓		
			204-371-1	120-12-7										
27	●	fluoranthene				3.37	mg/kg		3.025	mg/kg	0.000303 %	✓		
			205-912-4	206-44-0										
28	●	pyrene				2.89	mg/kg		2.594	mg/kg	0.000259 %	✓		
			204-927-3	129-00-0										
29		benzo[a]anthracene				1.08	mg/kg		0.969	mg/kg	0.0000969 %	✓		
		601-033-00-9	200-280-6	56-55-3										
30		chrysene				1.25	mg/kg		1.122	mg/kg	0.000112 %	✓		
		601-048-00-0	205-923-4	218-01-9										
31		benzo[b]fluoranthene				1.07	mg/kg		0.961	mg/kg	0.0000961 %	✓		
		601-034-00-4	205-911-9	205-99-2										
32		benzo[k]fluoranthene				0.36	mg/kg		0.323	mg/kg	0.0000323 %	✓		
		601-036-00-5	205-916-6	207-08-9										
33		benzo[a]pyrene; benzo[def]chrysene				0.73	mg/kg		0.655	mg/kg	0.0000655 %	✓		
		601-032-00-3	200-028-5	50-32-8										
34	●	indeno[123-cd]pyrene				0.29	mg/kg		0.26	mg/kg	0.000026 %	✓		
			205-893-2	193-39-5										
35		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										
36	●	benzo[ghi]perylene				0.25	mg/kg		0.224	mg/kg	0.0000224 %	✓		
			205-883-8	191-24-2										
37		phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2										
Total:											0.131 %			

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because No free phase**



Classification of sample: TP104

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

Sample details

Sample Name:	LoW Code:
TP104	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 - 0.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10.6%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10.6% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				18	mg/kg	1.32	21.488	mg/kg	0.00215 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.1	mg/kg	2.775	2.76	mg/kg	0.000276 %	✓	
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide; boric oxide }				1.3	mg/kg	3.22	3.785	mg/kg	0.000378 %	✓	
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				0.2	mg/kg	1.142	0.207	mg/kg	0.0000207 %	✓	
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide }				19	mg/kg	1.462	25.108	mg/kg	0.00251 %	✓	
			215-160-9	1308-38-9									
6		chromium in chromium(VI) compounds { chromium(VI) oxide }				<2	mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
		024-001-00-0	215-607-8	1333-82-0									
7		copper { dicopper oxide; copper (I) oxide }				50	mg/kg	1.126	50.899	mg/kg	0.00509 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	177	mg/kg	1.56	249.627	mg/kg	0.016 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
9		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									
10		nickel { nickel chromate }				19	mg/kg	2.976	51.129	mg/kg	0.00511 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	2.554	<7.661	mg/kg	<0.000766 %		<LOD
		034-002-00-8											
12		zinc { zinc chromate }				241	mg/kg	2.774	604.493	mg/kg	0.0604 %	✓	
		024-007-00-3											
13		TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
				TPH									



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
14		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								
15		benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
16		toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
17	●	ethylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-023-00-4	202-849-4	100-41-4								
18		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		601-022-00-9	202-422-2 [1]	95-47-6 [1]								
			203-396-5 [2]	106-42-3 [2]								
			203-576-3 [3]	108-38-3 [3]								
			215-535-7 [4]	1330-20-7 [4]								
19	🧪	cyanides { ● salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.002 mg/kg	1.884	<0.0037 mg/kg	<0.000000377 %		<LOD	
		006-007-00-5										
20	●	pH				8.7 pH		8.7 pH	8.7 pH			
				PH								
21		naphthalene				0.34 mg/kg		0.307 mg/kg	0.0000307 %	✓		
		601-052-00-2	202-049-5	91-20-3								
22	●	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
23	●	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-469-6	83-32-9								
24	●	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-695-5	86-73-7								
25	●	phenanthrene				0.94 mg/kg		0.85 mg/kg	0.000085 %	✓		
			201-581-5	85-01-8								
26	●	anthracene				0.15 mg/kg		0.136 mg/kg	0.0000136 %	✓		
			204-371-1	120-12-7								
27	●	fluoranthene				1.2 mg/kg		1.085 mg/kg	0.000108 %	✓		
			205-912-4	206-44-0								
28	●	pyrene				1.22 mg/kg		1.103 mg/kg	0.00011 %	✓		
			204-927-3	129-00-0								
29		benzo[a]anthracene				0.62 mg/kg		0.561 mg/kg	0.0000561 %	✓		
		601-033-00-9	200-280-6	56-55-3								
30		chrysene				0.72 mg/kg		0.651 mg/kg	0.0000651 %	✓		
		601-048-00-0	205-923-4	218-01-9								
31		benzo[b]fluoranthene				0.81 mg/kg		0.732 mg/kg	0.0000732 %	✓		
		601-034-00-4	205-911-9	205-99-2								
32		benzo[k]fluoranthene				0.28 mg/kg		0.253 mg/kg	0.0000253 %	✓		
		601-036-00-5	205-916-6	207-08-9								
33		benzo[a]pyrene; benzo[def]chrysene				0.57 mg/kg		0.515 mg/kg	0.0000515 %	✓		
		601-032-00-3	200-028-5	50-32-8								
34	●	indeno[123-cd]pyrene				0.31 mg/kg		0.28 mg/kg	0.000028 %	✓		
			205-893-2	193-39-5								
35		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								
36	●	benzo[ghi]perylene				0.28 mg/kg		0.253 mg/kg	0.0000253 %	✓		
			205-883-8	191-24-2								
37		phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
								Total:	0.0984 %			



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 CLP determinands

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

Conversion factor: 1.462

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: 7/17/2015

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

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

■ **dicopper oxide; copper (I) oxide** (EC Number: 215-270-7, CAS Number: 1317-39-1)

CLP index number: 029-002-00-X

Description/Comments: M-factor for long-term aquatic hazard not included as per paragraph (5), ATP9

Data source: Regulation (EU) 2016/1179 of 19 July 2016 (ATP9)

Additional Risk Phrases: N R50/53 >= 0.25 % , N R50/53

Additional Hazard Statement(s): None.

Reason for additional Hazards Statement(s)/Risk Phrase(s):

10/10/2016 - N R50/53 >= 0.25 % risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

10/10/2016 - N R50/53 risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 5/25/2015

Risk Phrases: R65 , R63 , R51/53 , R46 , R45 , R10

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

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

CLP index number: 601-023-00-4

Description/Comments:

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)

Additional Risk Phrases: None.

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s)/Risk Phrase(s):

6/3/2015 - 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**

CLP index number: 006-007-00-5

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

Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)

Additional Risk Phrases: None.

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

Reason for additional Hazards Statement(s)/Risk Phrase(s):

12/14/2015 - 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: 5/25/2015

Risk Phrases: None.

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: 7/17/2015

Risk Phrases: R38 , R37 , R36 , R27 , R26 , R22

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

▪ **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: 7/17/2015

Risk Phrases: N R51/53 , N R50/53 , R38 , R37 , R36

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

▪ **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: 8/6/2015

Risk Phrases: N R50/53

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

▪ **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: 8/6/2015

Risk Phrases: N R50/53 , R43 , R40 , R38 , R37 , R36 , R22

Hazard Statements: Skin Irrit. 2 H315 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302

▪ **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: 7/17/2015

Risk Phrases: N R50/53 , R43 , R38 , R37 , R36

Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

▪ **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: 8/21/2015

Risk Phrases: N R50/53 , Xn R22

Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

▪ **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: 8/21/2015

Risk Phrases: N R50/53 , Xi R36/37/38

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

▪ **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: 8/6/2015

Risk Phrases: R40

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: 7/23/2015

Risk Phrases: N R50/53

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

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

beryllium {beryllium oxide}

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

boron {diboron trioxide; boric oxide}

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

cadmium {cadmium oxide}

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

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

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

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

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

copper {dicopper oxide; copper (I) oxide}

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

lead {lead chromate}

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

mercury {mercury dichloride}

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

nickel {nickel chromate}

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

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

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

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, May 2015**
HazWasteOnline Classification Engine Version: 2018.11.3477.7113 (11 Jan 2018)
HazWasteOnline Database: 2018.11.3477.7113 (11 Jan 2018)



This classification utilises the following guidance and legislation:

WM3 - Waste Classification - May 2015

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 Wastes 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

POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004

1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010

2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010