

Waste Classification Report



FTX8V-U8HNV-55C37

Job name

A3341 Acrefair, Wrexham

Description/Comments

Project

A3341

Site

Acrefair, Wrexham

Related Documents

#	Name	Description
None		

Waste Stream Template

Example waste stream template for contaminated soils

Classified by

Name: **Luke Glover**
Date: **23 Jul 2020 15:05 GMT**
Telephone:

Company: **Earth Environmental & Geotechnical Ltd**

HazWasteOnline™ Training Record:

Course	Date
Hazardous Waste Classification	-
Advanced Hazardous Waste Classification	-

Report

Created by: Luke Glover
Created date: 23 Jul 2020 15:05 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	TP1	0.75	Non Hazardous		3
2	TP1[2]	1.20	Non Hazardous		6
3	TP2	0.80	Non Hazardous		9
4	TP3	0.30	Non Hazardous		12
5	TP3[2]	1.00	Non Hazardous		15
6	TP4	0.50	Non Hazardous		18
7	TP5	0.40	Non Hazardous		21
8	TP6	0.30	Non Hazardous		24
9	TP6[2]	0.90	Non Hazardous		27
10	TP7	0.20	Non Hazardous		30
11	TP8	0.70	Non Hazardous		33
12	TP9	0.50	Non Hazardous		36
13	TP10	0.40	Non Hazardous		39



#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
14	TP11	0.60	Non Hazardous		42
15	TP12	1.00	Non Hazardous		45

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	48
Appendix B: Rationale for selection of metal species	49
Appendix C: Version	50



Classification of sample: TP1

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

Sample details

Sample Name:	LoW Code:	
TP1	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:		
8.2%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 8.2% 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 }				11 mg/kg	1.32	13.423 mg/kg	0.00134 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.1 mg/kg	2.775	2.822 mg/kg	0.000282 %	✓		
	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	0.211 mg/kg	0.0000211 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	29.717 mg/kg	0.00297 %	✓		
		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 }				33 mg/kg	1.126	34.339 mg/kg	0.00343 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	24 mg/kg	1.56	34.598 mg/kg	0.00222 %	✓		
	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	52.263 mg/kg	0.00523 %	✓		
	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 oxide }				54 mg/kg	1.245	62.121 mg/kg	0.00621 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<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				<0.1 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				<0.1 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				0.16 mg/kg			0.148 mg/kg		0.0000148 %		✓	
	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				0.12 mg/kg			0.111 mg/kg		0.0000111 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.12 mg/kg			0.111 mg/kg		0.0000111 %		✓	
		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				0.12 mg/kg			0.111 mg/kg		0.0000111 %		✓	
		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:									0.0283 %					



Key

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

Classification of sample: TP1[2]

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

Sample details

Sample Name:	LoW Code:
TP1[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.9%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.9% 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 }				18	mg/kg	1.32	19.821	mg/kg	0.00198 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.4	mg/kg	2.775	3.241	mg/kg	0.000324 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
3	boron { diboron trioxide; boric oxide }				1.4	mg/kg	3.22	3.76	mg/kg	0.000376 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
4	cadmium { cadmium oxide }				0.7	mg/kg	1.142	0.667	mg/kg	0.0000667 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20	mg/kg	1.462	24.38	mg/kg	0.00244 %	✓	
		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 }				71	mg/kg	1.126	66.671	mg/kg	0.00667 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	307	mg/kg	1.56	399.386	mg/kg	0.0256 %	✓	
	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 }				23	mg/kg	2.976	57.093	mg/kg	0.00571 %	✓	
	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 oxide }				1050	mg/kg	1.245	1090.033	mg/kg	0.109 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
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] 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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				7.4 pH		7.4 pH	7.4 pH		
			PH							
21	naphthalene				0.51 mg/kg		0.425 mg/kg	0.0000425 %	✓	
	601-052-00-2	202-049-5	91-20-3							
22	acenaphthylene				0.14 mg/kg		0.117 mg/kg	0.0000117 %	✓	
		205-917-1	208-96-8							
23	acenaphthene				0.14 mg/kg		0.117 mg/kg	0.0000117 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.22 mg/kg		0.183 mg/kg	0.0000183 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				2.4 mg/kg		2.002 mg/kg	0.0002 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.52 mg/kg		0.434 mg/kg	0.0000434 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				3.52 mg/kg		2.936 mg/kg	0.000294 %	✓	
		205-912-4	206-44-0							
28	pyrene				3.25 mg/kg		2.711 mg/kg	0.000271 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.85 mg/kg		1.543 mg/kg	0.000154 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				1.87 mg/kg		1.56 mg/kg	0.000156 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.99 mg/kg		1.66 mg/kg	0.000166 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.71 mg/kg		0.592 mg/kg	0.0000592 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				1.15 mg/kg		0.959 mg/kg	0.0000959 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.52 mg/kg		0.434 mg/kg	0.0000434 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.16 mg/kg		0.133 mg/kg	0.0000133 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				0.47 mg/kg		0.392 mg/kg	0.0000392 %	✓	
		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:								0.16 %		

Key

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



Classification of sample: TP2

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

Sample details

Sample Name:	TP2	LoW Code:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.80 m	Chapter:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	10.3%	Entry:	
(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 10.3% 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 }				29 mg/kg	1.32	34.714 mg/kg	0.00347 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				1.6 mg/kg	2.775	4.026 mg/kg	0.000403 %	✓	
	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 }				0.8 mg/kg	1.142	0.829 mg/kg	0.0000829 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28 mg/kg	1.462	37.102 mg/kg	0.00371 %	✓	
		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 }				115 mg/kg	1.126	117.386 mg/kg	0.0117 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	196 mg/kg	1.56	277.175 mg/kg	0.0178 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
9	mercury { mercury dichloride }				1.5 mg/kg	1.353	1.841 mg/kg	0.000184 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel chromate }				28 mg/kg	2.976	75.553 mg/kg	0.00756 %	✓	
	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 oxide }				375 mg/kg	1.245	423.18 mg/kg	0.0423 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	TPH (C6 to C40) petroleum group				67 mg/kg		60.743 mg/kg	0.00607 %	✓	
			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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				8.1 pH			8.1 pH		8.1 pH			
			pH											
21		naphthalene				0.11 mg/kg			0.0997 mg/kg		0.00000997 %		✓	
	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				0.5 mg/kg			0.453 mg/kg		0.0000453 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				0.16 mg/kg			0.145 mg/kg		0.0000145 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				2.71 mg/kg			2.457 mg/kg		0.000246 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				3.46 mg/kg			3.137 mg/kg		0.000314 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				1.82 mg/kg			1.65 mg/kg		0.000165 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				1.76 mg/kg			1.596 mg/kg		0.00016 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				3.21 mg/kg			2.91 mg/kg		0.000291 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				1.25 mg/kg			1.133 mg/kg		0.000113 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				2.81 mg/kg			2.548 mg/kg		0.000255 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				1.63 mg/kg			1.478 mg/kg		0.000148 %		✓	
		205-893-2	193-39-5											
35		dibenz[a,h]anthracene				0.3 mg/kg			0.272 mg/kg		0.0000272 %		✓	
	601-041-00-2	200-181-8	53-70-3											
36	●	benzo[ghi]perylene				1.49 mg/kg			1.351 mg/kg		0.000135 %		✓	
		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:									0.0973 %					



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00607%)

Classification of sample: TP3

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

Sample details

Sample Name:	TP3	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.30 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	11%			
	(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 11% 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 }				21	mg/kg	1.32	24.979	mg/kg	0.0025 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.251	mg/kg	0.000425 %	✓	
	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 }				0.4	mg/kg	1.142	0.412	mg/kg	0.0000412 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25	mg/kg	1.462	32.918	mg/kg	0.00329 %	✓	
		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 }				90	mg/kg	1.126	91.288	mg/kg	0.00913 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	128	mg/kg	1.56	179.871	mg/kg	0.0115 %	✓	
	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	69.714	mg/kg	0.00697 %	✓	
	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 oxide }				127	mg/kg	1.245	142.413	mg/kg	0.0142 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
13	TPH (C6 to C40) petroleum group				344	mg/kg		309.91	mg/kg	0.031 %	✓	
			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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
21	naphthalene				0.19 mg/kg		0.171 mg/kg	0.0000171 %	✓	
	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				0.55 mg/kg		0.495 mg/kg	0.0000495 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.18 mg/kg		0.162 mg/kg	0.0000162 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				1.81 mg/kg		1.631 mg/kg	0.000163 %	✓	
		205-912-4	206-44-0							
28	pyrene				2.06 mg/kg		1.856 mg/kg	0.000186 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.1 mg/kg		0.991 mg/kg	0.0000991 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				1.17 mg/kg		1.054 mg/kg	0.000105 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.97 mg/kg		1.775 mg/kg	0.000177 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.9 mg/kg		0.811 mg/kg	0.0000811 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				1.64 mg/kg		1.477 mg/kg	0.000148 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				1.02 mg/kg		0.919 mg/kg	0.0000919 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.19 mg/kg		0.171 mg/kg	0.0000171 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				0.89 mg/kg		0.802 mg/kg	0.0000802 %	✓	
		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:								0.0826 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.031%)



Classification of sample: TP3[2]

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

Sample details

Sample Name:	LoW Code:	
TP3[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)
1.00 m		
Moisture content:		
17.9%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 17.9% 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 }				25 mg/kg	1.32	27.997 mg/kg	0.0028 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				2.8 mg/kg	2.775	6.591 mg/kg	0.000659 %	✓	
	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 (worst case) }				48 mg/kg	1.462	59.504 mg/kg	0.00595 %	✓	
		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 }				90 mg/kg	1.126	85.946 mg/kg	0.00859 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	80 mg/kg	1.56	105.84 mg/kg	0.00679 %	✓	
	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 }				33 mg/kg	2.976	83.305 mg/kg	0.00833 %	✓	
	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 oxide }				127 mg/kg	1.245	134.079 mg/kg	0.0134 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				7.9 pH			7.9 pH		7.9 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				0.23 mg/kg			0.195 mg/kg		0.0000195 %		✓	
		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			0.424 mg/kg		0.0000424 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				0.49 mg/kg			0.416 mg/kg		0.0000416 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				0.32 mg/kg			0.271 mg/kg		0.0000271 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				0.38 mg/kg			0.322 mg/kg		0.0000322 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				0.43 mg/kg			0.365 mg/kg		0.0000365 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				0.18 mg/kg			0.153 mg/kg		0.0000153 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				0.27 mg/kg			0.229 mg/kg		0.0000229 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.16 mg/kg			0.136 mg/kg		0.0000136 %		✓	
		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				0.16 mg/kg			0.136 mg/kg		0.0000136 %		✓	
		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:									0.0533 %					



Key

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

Classification of sample: TP4

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

Sample details

Sample Name:	TP4	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.50 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	10.1% (dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 10.1% 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 }				14	mg/kg	1.32	16.789	mg/kg	0.00168 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.6	mg/kg	2.775	4.033	mg/kg	0.000403 %	✓	
		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	0.311	mg/kg	0.0000311 %	✓	
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }				27	mg/kg	1.462	35.842	mg/kg	0.00358 %	✓	
			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 }				67	mg/kg	1.126	68.515	mg/kg	0.00685 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	110	mg/kg	1.56	155.84	mg/kg	0.00999 %	✓	
		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	70.284	mg/kg	0.00703 %	✓	
		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 oxide }				111	mg/kg	1.245	125.489	mg/kg	0.0125 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
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				0.005 mg/kg		0.0045 mg/kg	0.000000454 %	✓	
	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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				7.5 pH		7.5 pH	7.5 pH		
			PH							
21	naphthalene				0.13 mg/kg		0.118 mg/kg	0.0000118 %	✓	
	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				0.67 mg/kg		0.609 mg/kg	0.0000609 %	✓	
		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				0.47 mg/kg		0.427 mg/kg	0.0000427 %	✓	
		205-912-4	206-44-0							
28	pyrene				0.46 mg/kg		0.418 mg/kg	0.0000418 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				0.23 mg/kg		0.209 mg/kg	0.0000209 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				0.3 mg/kg		0.272 mg/kg	0.0000272 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				0.53 mg/kg		0.481 mg/kg	0.0000481 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.2 mg/kg		0.182 mg/kg	0.0000182 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				0.36 mg/kg		0.327 mg/kg	0.0000327 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.27 mg/kg		0.245 mg/kg	0.0000245 %	✓	
		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				0.27 mg/kg		0.245 mg/kg	0.0000245 %	✓	
		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:								0.0489 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

xylene: (conc.: 4.54e-07%)

Classification of sample: TP5

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

Sample details

Sample Name:	TP5	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.40 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	11.1%			
(dry weight correction)				

Hazard properties

None identified

Determinands

Moisture content: 11.1% 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 }				13 mg/kg	1.32	15.449 mg/kg	0.00154 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				2.2 mg/kg	2.775	5.496 mg/kg	0.00055 %	✓	
	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	0.308 mg/kg	0.0000308 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				29 mg/kg	1.462	38.15 mg/kg	0.00382 %	✓	
		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 }				32 mg/kg	1.126	32.429 mg/kg	0.00324 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	39 mg/kg	1.56	54.755 mg/kg	0.00351 %	✓	
	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 }				15 mg/kg	2.976	40.184 mg/kg	0.00402 %	✓	
	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 oxide }				89 mg/kg	1.245	99.712 mg/kg	0.00997 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	TPH (C6 to C40) petroleum group				78 mg/kg		70.207 mg/kg	0.00702 %	✓	
			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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				7.8 pH			7.8 pH		7.8 pH			
			pH											
21		naphthalene				0.17 mg/kg			0.153 mg/kg		0.0000153 %		✓	
	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				0.69 mg/kg			0.621 mg/kg		0.0000621 %		✓	
		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				0.17 mg/kg			0.153 mg/kg		0.0000153 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				0.22 mg/kg			0.198 mg/kg		0.0000198 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				0.16 mg/kg			0.144 mg/kg		0.0000144 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				0.16 mg/kg			0.144 mg/kg		0.0000144 %		✓	
	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:									0.0361 %					



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00702%)

Classification of sample: TP6

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

Sample details

Sample Name:	TP6	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.30 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	9.3%			
	(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 9.3% 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 }				14	mg/kg	1.32	16.912	mg/kg	0.00169 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				2.7	mg/kg	2.775	6.856	mg/kg	0.000686 %	✓	
	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 (worst case) }				30	mg/kg	1.462	40.116	mg/kg	0.00401 %	✓	
		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 }				57	mg/kg	1.126	58.715	mg/kg	0.00587 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	88	mg/kg	1.56	125.584	mg/kg	0.00805 %	✓	
	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 }				20	mg/kg	2.976	54.46	mg/kg	0.00545 %	✓	
	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 oxide }				75	mg/kg	1.245	85.41	mg/kg	0.00854 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
13	TPH (C6 to C40) petroleum group				747	mg/kg		683.44	mg/kg	0.0683 %	✓	
			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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
21	naphthalene				0.86 mg/kg		0.787 mg/kg	0.0000787 %	✓	
	601-052-00-2	202-049-5	91-20-3							
22	acenaphthylene				1.58 mg/kg		1.446 mg/kg	0.000145 %	✓	
		205-917-1	208-96-8							
23	acenaphthene				1.06 mg/kg		0.97 mg/kg	0.000097 %	✓	
		201-469-6	83-32-9							
24	fluorene				5.58 mg/kg		5.105 mg/kg	0.000511 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				44.6 mg/kg		40.805 mg/kg	0.00408 %	✓	
		201-581-5	85-01-8							
26	anthracene				23 mg/kg		21.043 mg/kg	0.0021 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				55.1 mg/kg		50.412 mg/kg	0.00504 %	✓	
		205-912-4	206-44-0							
28	pyrene				42.9 mg/kg		39.25 mg/kg	0.00392 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				24.3 mg/kg		22.232 mg/kg	0.00222 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				21.7 mg/kg		19.854 mg/kg	0.00199 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				16.4 mg/kg		15.005 mg/kg	0.0015 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				6.65 mg/kg		6.084 mg/kg	0.000608 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				13.3 mg/kg		12.168 mg/kg	0.00122 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				4.43 mg/kg		4.053 mg/kg	0.000405 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				1.14 mg/kg		1.043 mg/kg	0.000104 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				3 mg/kg		2.745 mg/kg	0.000274 %	✓	
		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:								0.129 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0683%)

Classification of sample: TP6[2]

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

Sample details

Sample Name:	LoW Code:	
TP6[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)
0.90 m		
Moisture content:		
9.2%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 9.2% 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 }				16 mg/kg	1.32	19.345 mg/kg	0.00193 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.2 mg/kg	2.775	3.05 mg/kg	0.000305 %	✓		
	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	0.209 mg/kg	0.0000209 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27 mg/kg	1.462	36.137 mg/kg	0.00361 %	✓		
		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 }				84 mg/kg	1.126	86.607 mg/kg	0.00866 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	96 mg/kg	1.56	137.127 mg/kg	0.00879 %	✓		
	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 }				27 mg/kg	2.976	73.589 mg/kg	0.00736 %	✓		
	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 oxide }				127 mg/kg	1.245	144.761 mg/kg	0.0145 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
13	TPH (C6 to C40) petroleum group				55 mg/kg		50.366 mg/kg	0.00504 %	✓		
			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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				8.3 pH			8.3 pH		8.3 pH			
			pH											
21		naphthalene				0.22 mg/kg			0.201 mg/kg		0.0000201 %		✓	
	601-052-00-2	202-049-5	91-20-3											
22	●	acenaphthylene				0.26 mg/kg			0.238 mg/kg		0.0000238 %		✓	
		205-917-1	208-96-8											
23	●	acenaphthene				0.23 mg/kg			0.211 mg/kg		0.0000211 %		✓	
		201-469-6	83-32-9											
24	●	fluorene				0.26 mg/kg			0.238 mg/kg		0.0000238 %		✓	
		201-695-5	86-73-7											
25	●	phenanthrene				2.72 mg/kg			2.491 mg/kg		0.000249 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				0.69 mg/kg			0.632 mg/kg		0.0000632 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				2.75 mg/kg			2.518 mg/kg		0.000252 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				2.31 mg/kg			2.115 mg/kg		0.000212 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				1.67 mg/kg			1.529 mg/kg		0.000153 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				1.48 mg/kg			1.355 mg/kg		0.000136 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				1.51 mg/kg			1.383 mg/kg		0.000138 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				0.67 mg/kg			0.614 mg/kg		0.0000614 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				1.28 mg/kg			1.172 mg/kg		0.000117 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.56 mg/kg			0.513 mg/kg		0.0000513 %		✓	
		205-893-2	193-39-5											
35		dibenz[a,h]anthracene				0.19 mg/kg			0.174 mg/kg		0.0000174 %		✓	
	601-041-00-2	200-181-8	53-70-3											
36	●	benzo[ghi]perylene				0.5 mg/kg			0.458 mg/kg		0.0000458 %		✓	
		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:									0.054 %					



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00504%)

Classification of sample: TP7

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

Sample details

Sample Name:	TP7	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.20 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	8.1% (dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 8.1% 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 }				13	mg/kg	1.32	15.878	mg/kg	0.00159 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				2	mg/kg	2.775	5.135	mg/kg	0.000513 %	✓	
		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	0.317	mg/kg	0.0000317 %	✓	
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }				36	mg/kg	1.462	48.673	mg/kg	0.00487 %	✓	
			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 }				86	mg/kg	1.126	89.571	mg/kg	0.00896 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	54	mg/kg	1.56	77.919	mg/kg	0.005 %	✓	
		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 }				59	mg/kg	2.976	162.442	mg/kg	0.0162 %	✓	
		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 oxide }				99	mg/kg	1.245	113.993	mg/kg	0.0114 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
13		TPH (C6 to C40) petroleum group				109	mg/kg		100.833	mg/kg	0.0101 %	✓	
				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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				8.1 pH		8.1 pH	8.1 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				0.37 mg/kg		0.342 mg/kg	0.0000342 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.15 mg/kg		0.139 mg/kg	0.0000139 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				2.61 mg/kg		2.414 mg/kg	0.000241 %	✓	
		205-912-4	206-44-0							
28	pyrene				2.82 mg/kg		2.609 mg/kg	0.000261 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				2.98 mg/kg		2.757 mg/kg	0.000276 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				2.6 mg/kg		2.405 mg/kg	0.000241 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				5.37 mg/kg		4.968 mg/kg	0.000497 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				2.44 mg/kg		2.257 mg/kg	0.000226 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				5.46 mg/kg		5.051 mg/kg	0.000505 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				2.75 mg/kg		2.544 mg/kg	0.000254 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.48 mg/kg		0.444 mg/kg	0.0000444 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				2.32 mg/kg		2.146 mg/kg	0.000215 %	✓	
		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:								0.0637 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0101%)

Classification of sample: TP8

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

Sample details

Sample Name:	TP8	LoW Code:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.70 m	Chapter:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	15.7%	Entry:	
(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 15.7% 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 }				7 mg/kg	1.32	7.988 mg/kg	0.000799 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				0.7 mg/kg	2.775	1.679 mg/kg	0.000168 %	✓	
	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	0.197 mg/kg	0.0000197 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	12.632 mg/kg	0.00126 %	✓	
		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 }				22 mg/kg	1.126	21.408 mg/kg	0.00214 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	108 mg/kg	1.56	145.601 mg/kg	0.00933 %	✓	
	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 }				11 mg/kg	2.976	28.296 mg/kg	0.00283 %	✓	
	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 oxide }				144 mg/kg	1.245	154.917 mg/kg	0.0155 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
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] 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 }				<2	mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD	
		006-007-00-5												
20	●	pH				8.1	pH		8.1	pH	8.1 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				0.32	mg/kg		0.277	mg/kg	0.0000277 %	✓		
			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				0.19	mg/kg		0.164	mg/kg	0.0000164 %	✓		
			205-912-4	206-44-0										
28	●	pyrene				0.18	mg/kg		0.156	mg/kg	0.0000156 %	✓		
			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				0.13	mg/kg		0.112	mg/kg	0.0000112 %	✓		
		601-048-00-0	205-923-4	218-01-9										
31		benzo[b]fluoranthene				0.13	mg/kg		0.112	mg/kg	0.0000112 %	✓		
		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:	0.0386 %				



Key

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

Classification of sample: TP9



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

Sample details

Sample Name:	TP9	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.50 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	14.4%			
	(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 14.4% 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 }				14 mg/kg	1.32	16.158 mg/kg	0.00162 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.3 mg/kg	2.775	3.154 mg/kg	0.000315 %	✓		
	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	0.3 mg/kg	0.00003 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	25.552 mg/kg	0.00256 %	✓		
		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 }				33 mg/kg	1.126	32.478 mg/kg	0.00325 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	68 mg/kg	1.56	92.716 mg/kg	0.00594 %	✓		
	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 }				24 mg/kg	2.976	62.439 mg/kg	0.00624 %	✓		
	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 oxide }				115 mg/kg	1.245	125.124 mg/kg	0.0125 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
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] 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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				8.1 pH		8.1 pH	8.1 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				0.2 mg/kg		0.175 mg/kg	0.0000175 %	✓	
		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:								0.039 %		

Key

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



Classification of sample: TP10

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

Sample details

Sample Name:	LoW Code:	
TP10	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)
0.40 m		
Moisture content:		
7.1%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 7.1% 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	9.862 mg/kg	0.000986 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				0.7 mg/kg	2.775	1.814 mg/kg	0.000181 %	✓		
	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	0.32 mg/kg	0.000032 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	27.293 mg/kg	0.00273 %	✓		
		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 }				26 mg/kg	1.126	27.332 mg/kg	0.00273 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	113 mg/kg	1.56	164.574 mg/kg	0.0106 %	✓		
	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 }				16 mg/kg	2.976	44.463 mg/kg	0.00445 %	✓		
	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 oxide }				708 mg/kg	1.245	822.836 mg/kg	0.0823 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				7.8 pH			7.8 pH		7.8 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				0.75 mg/kg			0.7 mg/kg		0.00007 %		✓	
		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				1.07 mg/kg			0.999 mg/kg		0.0000999 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				0.78 mg/kg			0.728 mg/kg		0.0000728 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				0.32 mg/kg			0.299 mg/kg		0.0000299 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				0.57 mg/kg			0.532 mg/kg		0.0000532 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				0.52 mg/kg			0.486 mg/kg		0.0000486 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				0.24 mg/kg			0.224 mg/kg		0.0000224 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				0.33 mg/kg			0.308 mg/kg		0.0000308 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.2 mg/kg			0.187 mg/kg		0.0000187 %		✓	
		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				0.18 mg/kg			0.168 mg/kg		0.0000168 %		✓	
		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:									0.111 %					



Key

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

Classification of sample: TP11

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

Sample details

Sample Name:	TP11	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.60 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	6.2%			
	(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 6.2% 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 }				7	mg/kg	1.32	8.703	mg/kg	0.00087 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				0.9	mg/kg	2.775	2.352	mg/kg	0.000235 %	✓	
	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 (worst case) }				16	mg/kg	1.462	22.02	mg/kg	0.0022 %	✓	
		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 }				22	mg/kg	1.126	23.323	mg/kg	0.00233 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	19	mg/kg	1.56	27.906	mg/kg	0.00179 %	✓	
	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 }				18	mg/kg	2.976	50.445	mg/kg	0.00504 %	✓	
	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 oxide }				111	mg/kg	1.245	130.097	mg/kg	0.013 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
13	TPH (C6 to C40) petroleum group				99	mg/kg		93.22	mg/kg	0.00932 %	✓	
			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 }				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
	006-007-00-5									
20	pH				7.9 pH		7.9 pH	7.9 pH		
			PH							
21	naphthalene				0.2 mg/kg		0.188 mg/kg	0.0000188 %	✓	
	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				2.75 mg/kg		2.589 mg/kg	0.000259 %	✓	
		201-469-6	83-32-9							
24	fluorene				1.53 mg/kg		1.441 mg/kg	0.000144 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				14.7 mg/kg		13.842 mg/kg	0.00138 %	✓	
		201-581-5	85-01-8							
26	anthracene				4.07 mg/kg		3.832 mg/kg	0.000383 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				16.9 mg/kg		15.913 mg/kg	0.00159 %	✓	
		205-912-4	206-44-0							
28	pyrene				13.6 mg/kg		12.806 mg/kg	0.00128 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				5.04 mg/kg		4.746 mg/kg	0.000475 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				4.14 mg/kg		3.898 mg/kg	0.00039 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				4.04 mg/kg		3.804 mg/kg	0.00038 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				1.84 mg/kg		1.733 mg/kg	0.000173 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				3.72 mg/kg		3.503 mg/kg	0.00035 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				1.93 mg/kg		1.817 mg/kg	0.000182 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.3 mg/kg		0.282 mg/kg	0.0000282 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				1.83 mg/kg		1.723 mg/kg	0.000172 %	✓	
		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:								0.0442 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00932%)



Classification of sample: TP12

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

Sample details

Sample Name:	LoW Code:	
TP12	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.00 m		
Moisture content:		
12.9%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 12.9% 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 }				27 mg/kg	1.32	31.576 mg/kg	0.00316 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				1.2 mg/kg	2.775	2.95 mg/kg	0.000295 %	✓	
	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 (worst case) }				38 mg/kg	1.462	49.193 mg/kg	0.00492 %	✓	
		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 }				107 mg/kg	1.126	106.705 mg/kg	0.0107 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	162 mg/kg	1.56	223.818 mg/kg	0.0143 %	✓	
	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 }				24 mg/kg	2.976	63.269 mg/kg	0.00633 %	✓	
	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 oxide }				128 mg/kg	1.245	141.119 mg/kg	0.0141 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	TPH (C6 to C40) petroleum group				67 mg/kg		59.345 mg/kg	0.00593 %	✓	
			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 }				<2 mg/kg		1.884	<3.768 mg/kg		<0.000377 %			<LOD
	006-007-00-5													
20	●	pH				8.1 pH			8.1 pH		8.1 pH			
			pH											
21		naphthalene				0.42 mg/kg			0.372 mg/kg		0.0000372 %		✓	
	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				0.29 mg/kg			0.257 mg/kg		0.0000257 %		✓	
		201-469-6	83-32-9											
24	●	fluorene				0.17 mg/kg			0.151 mg/kg		0.0000151 %		✓	
		201-695-5	86-73-7											
25	●	phenanthrene				2.8 mg/kg			2.48 mg/kg		0.000248 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				0.5 mg/kg			0.443 mg/kg		0.0000443 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				3.53 mg/kg			3.127 mg/kg		0.000313 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				3 mg/kg			2.657 mg/kg		0.000266 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				1.24 mg/kg			1.098 mg/kg		0.00011 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				1.27 mg/kg			1.125 mg/kg		0.000112 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				1.27 mg/kg			1.125 mg/kg		0.000112 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				0.37 mg/kg			0.328 mg/kg		0.0000328 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				0.85 mg/kg			0.753 mg/kg		0.0000753 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.42 mg/kg			0.372 mg/kg		0.0000372 %		✓	
		205-893-2	193-39-5											
35		dibenz[a,h]anthracene				0.15 mg/kg			0.133 mg/kg		0.0000133 %		✓	
	601-041-00-2	200-181-8	53-70-3											
36	●	benzo[ghi]perylene				0.4 mg/kg			0.354 mg/kg		0.0000354 %		✓	
		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:												0.0635 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00593%)

Appendix A: Classifier defined and non CLP determinands

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

Conversion factor: 1.462

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: 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

■ **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: 25 May 2015

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 Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s):

03 Jun 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 Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

14 Dec 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: 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: 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: 17 Jul 2015

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: 06 Aug 2015

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: 06 Aug 2015

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: 17 Jul 2015

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: 21 Aug 2015

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: 21 Aug 2015

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: 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 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 (worst case)}

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 sulphoselenide and those specified elsewhere in this Annex}

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

zinc {zinc oxide}

No chromium.

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 v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2020.204.4416.8648 (22 Jul 2020)

HazWasteOnline Database: 2020.204.4416.8648 (22 Jul 2020)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018

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

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

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