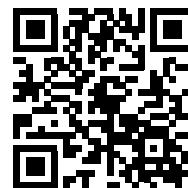




Waste Classification Report



K24Z6-27LGH-BT633

Job name

A0697 120 Laund Road, Huddersfield

Description/Comments

Project

A0697

Site

120 Laund Road, Huddersfield

Related Documents

#	Name	Description
None		

Waste Stream Template

Example waste stream template for contaminated soils

Classified by

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Date:
04 Jul 2019 08:46 GMT
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Report

Created by: Jessica Sheridan
Created date: 04 Jul 2019 08:46 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	TP2	0.20	Non Hazardous		3
2	TP4	0.30	Non Hazardous		6
3	TP4[2]	0.70	Non Hazardous		9
4	TP8	0.30	Non Hazardous		12
5	TP11	0.40	Non Hazardous		15
6	TP14	0.30	Non Hazardous		18
7	TP15	0.30	Non Hazardous		21
8	WS1	0.40	Non Hazardous		24
9	WS6	0.50	Hazardous	HP 14	27
10	STP (Stockpile)		Non Hazardous		30
11	TP2[2]	0.20	Non Hazardous		33



#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
12	TP4[3]	0.30	Non Hazardous		36
13	TP4[4]	0.70	Non Hazardous		39
14	TP8[2]	0.30	Non Hazardous		42
15	TP11[2]	0.40	Non Hazardous		45
16	TP14[2]	0.30	Non Hazardous		48
17	TP15[2]	0.30	Non Hazardous		51
18	WS1[2]	0.40	Non Hazardous		54
19	WS6[2]	0.50	Hazardous	HP 14	57
20	STP (Stockpile)[2]		Non Hazardous		60

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Appendix B: Rationale for selection of metal species	64
Appendix C: Version	65



Classification of sample: TP2

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

Sample details

Sample Name:	LoW Code:
TP2	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.7%	
(dry weight correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				15.9 mg/kg	1.32	17.686 mg/kg	0.00177 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				0.8 mg/kg	2.775	1.87 mg/kg	0.000187 %	✓		
	004-003-00-8	215-133-1	1304-56-9								
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								
4	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide }				21 mg/kg	1.462	25.857 mg/kg	0.00259 %	✓		
		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 }				38 mg/kg	1.126	36.044 mg/kg	0.0036 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	100 mg/kg	1.56	131.408 mg/kg	0.00842 %	✓		
	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 }				17 mg/kg	2.976	42.626 mg/kg	0.00426 %	✓		
	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 sulphate }				115 mg/kg	2.469	239.233 mg/kg	0.0239 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				7.5 pH			7.5 pH		7.5 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				0.19 mg/kg			0.16 mg/kg		0.000016 %		✓	
		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				0.14 mg/kg			0.118 mg/kg		0.0000118 %		✓	
		201-695-5	86-73-7											
25	●	phenanthrene				0.92 mg/kg			0.775 mg/kg		0.0000775 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				0.32 mg/kg			0.27 mg/kg		0.000027 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				1.89 mg/kg			1.592 mg/kg		0.000159 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				1.7 mg/kg			1.432 mg/kg		0.000143 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				1.19 mg/kg			1.003 mg/kg		0.0001 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				0.77 mg/kg			0.649 mg/kg		0.0000649 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				1.28 mg/kg			1.078 mg/kg		0.000108 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				0.43 mg/kg			0.362 mg/kg		0.0000362 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				0.99 mg/kg			0.834 mg/kg		0.0000834 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				0.87 mg/kg			0.733 mg/kg		0.0000733 %		✓	
		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				0.61 mg/kg			0.514 mg/kg		0.0000514 %		✓	
		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:												0.0521 %		



Key

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

Classification of sample: 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:	0.30 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	15.3%			
	(dry weight correction)			

Hazard properties

None identified

Determinands

Moisture content: 15.3% 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 }				20.3	mg/kg	1.32	23.246	mg/kg	0.00232 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.092	mg/kg	0.000409 %	✓	
	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 }				28	mg/kg	1.462	35.493	mg/kg	0.00355 %	✓	
		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 }				230	mg/kg	1.126	224.592	mg/kg	0.0225 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	194	mg/kg	1.56	262.449	mg/kg	0.0168 %	✓	
	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 }				28	mg/kg	2.976	72.277	mg/kg	0.00723 %	✓	
	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 sulphate }				230	mg/kg	2.469	492.574	mg/kg	0.0493 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				6.6 pH		6.6 pH	6.6 pH		
			PH							
21	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
22	acenaphthylene				0.18 mg/kg		0.156 mg/kg	0.0000156 %	✓	
		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				0.16 mg/kg		0.139 mg/kg	0.0000139 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				1.17 mg/kg		1.015 mg/kg	0.000101 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.3 mg/kg		0.26 mg/kg	0.000026 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				2.09 mg/kg		1.813 mg/kg	0.000181 %	✓	
		205-912-4	206-44-0							
28	pyrene				1.78 mg/kg		1.544 mg/kg	0.000154 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.05 mg/kg		0.911 mg/kg	0.0000911 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				0.78 mg/kg		0.676 mg/kg	0.0000676 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.18 mg/kg		1.023 mg/kg	0.000102 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.4 mg/kg		0.347 mg/kg	0.0000347 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				0.89 mg/kg		0.772 mg/kg	0.0000772 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.74 mg/kg		0.642 mg/kg	0.0000642 %	✓	
		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				0.46 mg/kg		0.399 mg/kg	0.0000399 %	✓	
		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:								0.109 %		



Key

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

Classification of sample: TP4[2]

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

Sample details

Sample Name:	LoW Code:	
TP4[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)
0.70 m		
Moisture content:		
13.1%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 13.1% 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 }				23.5 mg/kg	1.32	27.434 mg/kg	0.00274 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				1.6 mg/kg	2.775	3.926 mg/kg	0.000393 %	✓	
	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 }				25 mg/kg	1.462	32.307 mg/kg	0.00323 %	✓	
		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 }				54 mg/kg	1.126	53.756 mg/kg	0.00538 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	173 mg/kg	1.56	238.592 mg/kg	0.0153 %	✓	
	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	47.368 mg/kg	0.00474 %	✓	
	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 sulphate }				134 mg/kg	2.469	292.56 mg/kg	0.0293 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				5.8	pH		5.8	pH	5.8 pH		
				pH									
21		naphthalene				0.2	mg/kg		0.177	mg/kg	0.0000177 %	✓	
		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				0.21	mg/kg		0.186	mg/kg	0.0000186 %	✓	
			201-469-6	83-32-9									
24	●	fluorene				0.16	mg/kg		0.141	mg/kg	0.0000141 %	✓	
			201-695-5	86-73-7									
25	●	phenanthrene				1.39	mg/kg		1.229	mg/kg	0.000123 %	✓	
			201-581-5	85-01-8									
26	●	anthracene				0.24	mg/kg		0.212	mg/kg	0.0000212 %	✓	
			204-371-1	120-12-7									
27	●	fluoranthene				1.53	mg/kg		1.353	mg/kg	0.000135 %	✓	
			205-912-4	206-44-0									
28	●	pyrene				1.28	mg/kg		1.132	mg/kg	0.000113 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.58	mg/kg		0.513	mg/kg	0.0000513 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.76	mg/kg		0.672	mg/kg	0.0000672 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.61	mg/kg		0.539	mg/kg	0.0000539 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.24	mg/kg		0.212	mg/kg	0.0000212 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.42	mg/kg		0.371	mg/kg	0.0000371 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34	●	indeno[123-cd]pyrene				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
			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				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
			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:									0.0682 %				



Key

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

Classification of sample: TP8

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

Sample details

Sample Name:	LoW Code:
TP8	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.8%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20.9	mg/kg	1.32	23.83	mg/kg	0.00238 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.116	mg/kg	0.000312 %	✓	
	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 }				0.6	mg/kg	1.142	0.592	mg/kg	0.0000592 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide }				19	mg/kg	1.462	23.981	mg/kg	0.0024 %	✓	
		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 }				51	mg/kg	1.126	49.586	mg/kg	0.00496 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	265	mg/kg	1.56	356.953	mg/kg	0.0229 %	✓	
	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	51.404	mg/kg	0.00514 %	✓	
	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 sulphate }				733	mg/kg	2.469	1563.035	mg/kg	0.156 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13	TPH (C6 to C40) petroleum group				80	mg/kg		69.085	mg/kg	0.00691 %	✓	
			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 603-181-00-X	216-653-1	1634-04-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
15	benzene 601-020-00-8	200-753-7	71-43-2		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
16	toluene 601-021-00-3	203-625-9	108-88-3		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	xylene 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]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
20	pH PH				6.5 pH		6.5 pH	6.5 pH		
21	naphthalene 601-052-00-2	202-049-5	91-20-3		0.29 mg/kg		0.25 mg/kg	0.000025 %	✓	
22	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene 201-469-6	83-32-9			0.38 mg/kg		0.328 mg/kg	0.0000328 %	✓	
24	fluorene 201-695-5	86-73-7			0.38 mg/kg		0.328 mg/kg	0.0000328 %	✓	
25	phenanthrene 201-581-5	85-01-8			4.14 mg/kg		3.575 mg/kg	0.000358 %	✓	
26	anthracene 204-371-1	120-12-7			2.47 mg/kg		2.133 mg/kg	0.000213 %	✓	
27	fluoranthene 205-912-4	206-44-0			11.8 mg/kg		10.19 mg/kg	0.00102 %	✓	
28	pyrene 204-927-3	129-00-0			10.7 mg/kg		9.24 mg/kg	0.000924 %	✓	
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		6.97 mg/kg		6.019 mg/kg	0.000602 %	✓	
30	chrysene 601-048-00-0	205-923-4	218-01-9		5.19 mg/kg		4.482 mg/kg	0.000448 %	✓	
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		6.53 mg/kg		5.639 mg/kg	0.000564 %	✓	
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2.23 mg/kg		1.926 mg/kg	0.000193 %	✓	
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		5.29 mg/kg		4.568 mg/kg	0.000457 %	✓	
34	indeno[123-cd]pyrene 205-893-2	193-39-5			2.38 mg/kg		2.055 mg/kg	0.000206 %	✓	
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.46 mg/kg		0.397 mg/kg	0.0000397 %	✓	
36	benzo[ghi]perylene 205-883-8	191-24-2			1.95 mg/kg		1.684 mg/kg	0.000168 %	✓	
37	phenol 604-001-00-2	203-632-7	108-95-2		<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
Total:								0.209 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00691%)



Classification of sample: TP11

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

Sample details

Sample Name:	LoW Code:	
TP11	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:		
19%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% 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 }				15 mg/kg	1.32	16.643 mg/kg	0.00166 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.7 mg/kg	2.775	3.965 mg/kg	0.000396 %	✓		
	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 }				1.2 mg/kg	1.142	1.152 mg/kg	0.000115 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide }				17 mg/kg	1.462	20.879 mg/kg	0.00209 %	✓		
		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 }				72 mg/kg	1.126	68.121 mg/kg	0.00681 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	241 mg/kg	1.56	315.895 mg/kg	0.0203 %	✓		
	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	65.028 mg/kg	0.0065 %	✓		
	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 sulphate }				500 mg/kg	2.469	1037.52 mg/kg	0.104 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
13	TPH (C6 to C40) petroleum group				109 mg/kg		91.597 mg/kg	0.00916 %	✓		
			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				7.3 pH			7.3 pH		7.3 pH			
			PH											
21		naphthalene				3.29 mg/kg			2.765 mg/kg		0.000276 %		✓	
	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				4.16 mg/kg			3.496 mg/kg		0.00035 %		✓	
		201-469-6	83-32-9											
24	●	fluorene				2.72 mg/kg			2.286 mg/kg		0.000229 %		✓	
		201-695-5	86-73-7											
25	●	phenanthrene				24.4 mg/kg			20.504 mg/kg		0.00205 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				3.75 mg/kg			3.151 mg/kg		0.000315 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				19.4 mg/kg			16.303 mg/kg		0.00163 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				11.2 mg/kg			9.412 mg/kg		0.000941 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				3.95 mg/kg			3.319 mg/kg		0.000332 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				4.32 mg/kg			3.63 mg/kg		0.000363 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				3.43 mg/kg			2.882 mg/kg		0.000288 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				1.08 mg/kg			0.908 mg/kg		0.0000908 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				2.53 mg/kg			2.126 mg/kg		0.000213 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				1.13 mg/kg			0.95 mg/kg		0.000095 %		✓	
		205-893-2	193-39-5											
35		dibenz[a,h]anthracene				0.22 mg/kg			0.185 mg/kg		0.0000185 %		✓	
	601-041-00-2	200-181-8	53-70-3											
36	●	benzo[ghi]perylene				0.88 mg/kg			0.739 mg/kg		0.0000739 %		✓	
		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
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 liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00916%)

Classification of sample: TP14

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

Sample details

Sample Name:	LoW Code:
TP14	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
29.1%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 29.1% 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 }				17.6	mg/kg	1.32	18	mg/kg	0.0018 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.6	mg/kg	2.775	3.44	mg/kg	0.000344 %	✓	
	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 }				32	mg/kg	1.462	36.228	mg/kg	0.00362 %	✓	
		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 }				177	mg/kg	1.126	154.363	mg/kg	0.0154 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	444	mg/kg	1.56	536.451	mg/kg	0.0344 %	✓	
	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 }				46	mg/kg	2.976	106.048	mg/kg	0.0106 %	✓	
	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 sulphate }				674	mg/kg	2.469	1289.16	mg/kg	0.129 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13	TPH (C6 to C40) petroleum group				99	mg/kg		76.685	mg/kg	0.00767 %	✓	
			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 603-181-00-X	216-653-1	1634-04-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
15	benzene 601-020-00-8	200-753-7	71-43-2		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
16	toluene 601-021-00-3	203-625-9	108-88-3		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
17	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	xylene 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]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<2 mg/kg	1.884	<3.768 mg/kg	<0.000377 %		<LOD
20	pH PH				6.5 pH		6.5 pH	6.5 pH		
21	naphthalene 601-052-00-2	202-049-5	91-20-3		1.13 mg/kg		0.875 mg/kg	0.0000875 %	✓	
22	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene 201-469-6	83-32-9			1.43 mg/kg		1.108 mg/kg	0.000111 %	✓	
24	fluorene 201-695-5	86-73-7			1.1 mg/kg		0.852 mg/kg	0.0000852 %	✓	
25	phenanthrene 201-581-5	85-01-8			10.5 mg/kg		8.133 mg/kg	0.000813 %	✓	
26	anthracene 204-371-1	120-12-7			2.34 mg/kg		1.813 mg/kg	0.000181 %	✓	
27	fluoranthene 205-912-4	206-44-0			15.7 mg/kg		12.161 mg/kg	0.00122 %	✓	
28	pyrene 204-927-3	129-00-0			13.2 mg/kg		10.225 mg/kg	0.00102 %	✓	
29	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		5.88 mg/kg		4.555 mg/kg	0.000455 %	✓	
30	chrysene 601-048-00-0	205-923-4	218-01-9		4.83 mg/kg		3.741 mg/kg	0.000374 %	✓	
31	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		5.26 mg/kg		4.074 mg/kg	0.000407 %	✓	
32	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		1.53 mg/kg		1.185 mg/kg	0.000119 %	✓	
33	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		3.65 mg/kg		2.827 mg/kg	0.000283 %	✓	
34	indeno[123-cd]pyrene 205-893-2	193-39-5			1.53 mg/kg		1.185 mg/kg	0.000119 %	✓	
35	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.33 mg/kg		0.256 mg/kg	0.0000256 %	✓	
36	benzo[ghi]perylene 205-883-8	191-24-2			1.19 mg/kg		0.922 mg/kg	0.0000922 %	✓	
37	phenol 604-001-00-2	203-632-7	108-95-2		<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
Total:								0.21 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00767%)



Classification of sample: TP15

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

Sample details

Sample Name:	LoW Code:
TP15	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				16.1 mg/kg	1.32	21.257 mg/kg	0.00213 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				2.1 mg/kg	2.775	5.828 mg/kg	0.000583 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
4	cadmium { cadmium oxide }				0.5 mg/kg	1.142	0.571 mg/kg	0.0000571 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	52.616 mg/kg	0.00526 %	✓	
		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 }				155 mg/kg	1.126	174.513 mg/kg	0.0175 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	246 mg/kg	1.56	383.715 mg/kg	0.0246 %	✓	
	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 }				58 mg/kg	2.976	172.623 mg/kg	0.0173 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
11	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661 mg/kg	<0.000766 %		<LOD
	034-002-00-8									
12	zinc { zinc sulphate }				495 mg/kg	2.469	1222.302 mg/kg	0.122 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
13	TPH (C6 to C40) petroleum group		TPH		67 mg/kg		67 mg/kg	0.0067 %	✓	
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							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
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				7.3 pH		7.3 pH	7.3 pH			
			pH								
21	naphthalene				0.55 mg/kg		0.55 mg/kg	0.000055 %		✓	
	601-052-00-2	202-049-5	91-20-3								
22	acenaphthylene				0.13 mg/kg		0.13 mg/kg	0.000013 %		✓	
		205-917-1	208-96-8								
23	acenaphthene				0.64 mg/kg		0.64 mg/kg	0.000064 %		✓	
		201-469-6	83-32-9								
24	fluorene				0.5 mg/kg		0.5 mg/kg	0.00005 %		✓	
		201-695-5	86-73-7								
25	phenanthrene				5.32 mg/kg		5.32 mg/kg	0.000532 %		✓	
		201-581-5	85-01-8								
26	anthracene				1.14 mg/kg		1.14 mg/kg	0.000114 %		✓	
		204-371-1	120-12-7								
27	fluoranthene				7.32 mg/kg		7.32 mg/kg	0.000732 %		✓	
		205-912-4	206-44-0								
28	pyrene				6.36 mg/kg		6.36 mg/kg	0.000636 %		✓	
		204-927-3	129-00-0								
29	benzo[a]anthracene				3.24 mg/kg		3.24 mg/kg	0.000324 %		✓	
	601-033-00-9	200-280-6	56-55-3								
30	chrysene				3.15 mg/kg		3.15 mg/kg	0.000315 %		✓	
	601-048-00-0	205-923-4	218-01-9								
31	benzo[b]fluoranthene				3.31 mg/kg		3.31 mg/kg	0.000331 %		✓	
	601-034-00-4	205-911-9	205-99-2								
32	benzo[k]fluoranthene				1.53 mg/kg		1.53 mg/kg	0.000153 %		✓	
	601-036-00-5	205-916-6	207-08-9								
33	benzo[a]pyrene; benzo[def]chrysene				2.79 mg/kg		2.79 mg/kg	0.000279 %		✓	
	601-032-00-3	200-028-5	50-32-8								
34	indeno[123-cd]pyrene				1.66 mg/kg		1.66 mg/kg	0.000166 %		✓	
		205-893-2	193-39-5								
35	dibenz[a,h]anthracene				0.17 mg/kg		0.17 mg/kg	0.000017 %		✓	
	601-041-00-2	200-181-8	53-70-3								
36	benzo[ghi]perylene				1.51 mg/kg		1.51 mg/kg	0.000151 %		✓	
		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:									0.202 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0067%)

Classification of sample: WS1

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %	✓	
		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 }				29	mg/kg	1.462	42.385	mg/kg	0.00424 %	✓	
			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 }				53	mg/kg	1.126	59.672	mg/kg	0.00597 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	223	mg/kg	1.56	347.839	mg/kg	0.0223 %	✓	
		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 }				21	mg/kg	2.976	62.502	mg/kg	0.00625 %	✓	
		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 sulphate }				271	mg/kg	2.469	669.179	mg/kg	0.0669 %	✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13		TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									

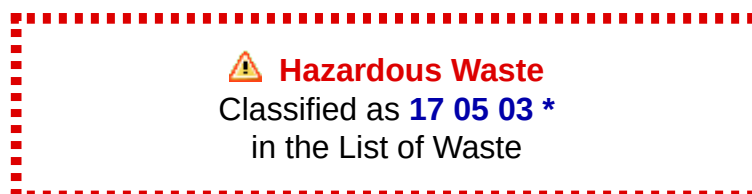


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
16	toluene				<0.005 mg/kg		<0.005 mg/kg	<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				5.3 pH		5.3 pH	5.3 pH		
			PH							
21	naphthalene				0.25 mg/kg		0.25 mg/kg	0.000025 %	✓	
	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				0.18 mg/kg		0.18 mg/kg	0.000018 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.14 mg/kg		0.14 mg/kg	0.000014 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				1.64 mg/kg		1.64 mg/kg	0.000164 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.27 mg/kg		0.27 mg/kg	0.000027 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				2.62 mg/kg		2.62 mg/kg	0.000262 %	✓	
		205-912-4	206-44-0							
28	pyrene				2.31 mg/kg		2.31 mg/kg	0.000231 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.03 mg/kg		1.03 mg/kg	0.000103 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				1.22 mg/kg		1.22 mg/kg	0.000122 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.42 mg/kg		1.42 mg/kg	0.000142 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.43 mg/kg		0.43 mg/kg	0.000043 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				1 mg/kg		1 mg/kg	0.0001 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.53 mg/kg		0.53 mg/kg	0.000053 %	✓	
		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				0.47 mg/kg		0.47 mg/kg	0.000047 %	✓	
		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:								0.117 %		

Key

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

Classification of sample: WS6



Sample details

Sample Name:	LoW Code:
WS6	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

zinc sulphate: (compound conc.: 0.511%)

Determinands

Moisture content: 0% 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 }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.6	mg/kg	2.775	4.441	mg/kg	0.000444 %	✓	
		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 }				37	mg/kg	1.462	54.078	mg/kg	0.00541 %	✓	
			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 }				114	mg/kg	1.126	128.351	mg/kg	0.0128 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	501	mg/kg	1.56	781.467	mg/kg	0.0501 %	✓	
		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 }				48	mg/kg	2.976	142.861	mg/kg	0.0143 %	✓	
		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 sulphate }				2070	mg/kg	2.469	5111.444	mg/kg	0.511 %	✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
			TPH									
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
15	benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2	mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
	006-007-00-5											
20	pH				5.9	pH		5.9	pH	5.9 pH		
			PH									
21	naphthalene				0.28	mg/kg		0.28	mg/kg	0.000028 %	✓	
	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				0.43	mg/kg		0.43	mg/kg	0.000043 %	✓	
		201-469-6	83-32-9									
24	fluorene				0.32	mg/kg		0.32	mg/kg	0.000032 %	✓	
		201-695-5	86-73-7									
25	phenanthrene				3.62	mg/kg		3.62	mg/kg	0.000362 %	✓	
		201-581-5	85-01-8									
26	anthracene				0.71	mg/kg		0.71	mg/kg	0.000071 %	✓	
		204-371-1	120-12-7									
27	fluoranthene				5.03	mg/kg		5.03	mg/kg	0.000503 %	✓	
		205-912-4	206-44-0									
28	pyrene				4.37	mg/kg		4.37	mg/kg	0.000437 %	✓	
		204-927-3	129-00-0									
29	benzo[a]anthracene				1.85	mg/kg		1.85	mg/kg	0.000185 %	✓	
	601-033-00-9	200-280-6	56-55-3									
30	chrysene				1.83	mg/kg		1.83	mg/kg	0.000183 %	✓	
	601-048-00-0	205-923-4	218-01-9									
31	benzo[b]fluoranthene				1.63	mg/kg		1.63	mg/kg	0.000163 %	✓	
	601-034-00-4	205-911-9	205-99-2									
32	benzo[k]fluoranthene				0.5	mg/kg		0.5	mg/kg	0.00005 %	✓	
	601-036-00-5	205-916-6	207-08-9									
33	benzo[a]pyrene; benzo[def]chrysene				1.14	mg/kg		1.14	mg/kg	0.000114 %	✓	
	601-032-00-3	200-028-5	50-32-8									
34	indeno[123-cd]pyrene				0.62	mg/kg		0.62	mg/kg	0.000062 %	✓	
		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				0.51	mg/kg		0.51	mg/kg	0.000051 %	✓	
		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:										0.606 %		



Key

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

Classification of sample: STP (Stockpile)

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				16.3	mg/kg	1.32	21.521	mg/kg	0.00215 %		✓	
		033-003-00-0	215-481-4	1327-53-3										
2		beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		✓	
		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 }				18	mg/kg	1.462	26.308	mg/kg	0.00263 %		✓	
			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 }				38	mg/kg	1.126	42.784	mg/kg	0.00428 %		✓	
		029-002-00-X	215-270-7	1317-39-1										
8		lead { lead chromate }			1	72	mg/kg	1.56	112.307	mg/kg	0.0072 %		✓	
		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	32.739	mg/kg	0.00327 %		✓	
		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 sulphate }				114	mg/kg	2.469	281.5	mg/kg	0.0281 %		✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]										
13		TPH (C6 to C40) petroleum group				143	mg/kg		143	mg/kg	0.0143 %		✓	
				TPH										
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %			<LOD
		603-181-00-X	216-653-1	1634-04-4										



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
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				7.1 pH		7.1 pH	7.1 pH		
			PH							
21	naphthalene				0.59 mg/kg		0.59 mg/kg	0.000059 %	✓	
	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				1.18 mg/kg		1.18 mg/kg	0.000118 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.9 mg/kg		0.9 mg/kg	0.00009 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				8.76 mg/kg		8.76 mg/kg	0.000876 %	✓	
		201-581-5	85-01-8							
26	anthracene				2.06 mg/kg		2.06 mg/kg	0.000206 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				12.6 mg/kg		12.6 mg/kg	0.00126 %	✓	
		205-912-4	206-44-0							
28	pyrene				10.6 mg/kg		10.6 mg/kg	0.00106 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				4.31 mg/kg		4.31 mg/kg	0.000431 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				4.28 mg/kg		4.28 mg/kg	0.000428 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				3.79 mg/kg		3.79 mg/kg	0.000379 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				1.27 mg/kg		1.27 mg/kg	0.000127 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				2.84 mg/kg		2.84 mg/kg	0.000284 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				1.37 mg/kg		1.37 mg/kg	0.000137 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.25 mg/kg		0.25 mg/kg	0.000025 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				1.11 mg/kg		1.11 mg/kg	0.000111 %	✓	
		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:								0.07 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0143%)



Classification of sample: TP2[2]

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

Sample details

Sample Name:	LoW Code:
TP2[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.7%	
(dry weight correction)	

Hazard properties

None identified

Determinands

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

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				15.9	mg/kg	1.32	17.686	mg/kg	0.00177 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				0.8	mg/kg	2.775	1.87	mg/kg	0.000187 %	✓	
		004-003-00-8	215-133-1	1304-56-9									
3		boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide }				21	mg/kg	1.462	25.857	mg/kg	0.00259 %	✓	
			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 }				38	mg/kg	1.126	36.044	mg/kg	0.0036 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	100	mg/kg	1.56	131.408	mg/kg	0.00842 %	✓	
		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 }				17	mg/kg	2.976	42.626	mg/kg	0.00426 %	✓	
		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 sulphate }				115	mg/kg	2.469	239.233	mg/kg	0.0239 %	✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				7.5	pH		7.5	pH	7.5 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				0.19	mg/kg		0.16	mg/kg	0.000016 %	✓		
			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				0.14	mg/kg		0.118	mg/kg	0.0000118 %	✓		
			201-695-5	86-73-7										
25	●	phenanthrene				0.92	mg/kg		0.775	mg/kg	0.0000775 %	✓		
			201-581-5	85-01-8										
26	●	anthracene				0.32	mg/kg		0.27	mg/kg	0.000027 %	✓		
			204-371-1	120-12-7										
27	●	fluoranthene				1.89	mg/kg		1.592	mg/kg	0.000159 %	✓		
			205-912-4	206-44-0										
28	●	pyrene				1.7	mg/kg		1.432	mg/kg	0.000143 %	✓		
			204-927-3	129-00-0										
29		benzo[a]anthracene				1.19	mg/kg		1.003	mg/kg	0.0001 %	✓		
		601-033-00-9	200-280-6	56-55-3										
30		chrysene				0.77	mg/kg		0.649	mg/kg	0.0000649 %	✓		
		601-048-00-0	205-923-4	218-01-9										
31		benzo[b]fluoranthene				1.28	mg/kg		1.078	mg/kg	0.000108 %	✓		
		601-034-00-4	205-911-9	205-99-2										
32		benzo[k]fluoranthene				0.43	mg/kg		0.362	mg/kg	0.0000362 %	✓		
		601-036-00-5	205-916-6	207-08-9										
33		benzo[a]pyrene; benzo[def]chrysene				0.99	mg/kg		0.834	mg/kg	0.0000834 %	✓		
		601-032-00-3	200-028-5	50-32-8										
34	●	indeno[123-cd]pyrene				0.87	mg/kg		0.733	mg/kg	0.0000733 %	✓		
			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				0.61	mg/kg		0.514	mg/kg	0.0000514 %	✓		
			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:											0.0521 %			



Key

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

Classification of sample: TP4[3]



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

Sample details

Sample Name:	LoW Code:
TP4[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.3%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.3% 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 }				20.3	mg/kg	1.32	23.246	mg/kg	0.00232 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.092	mg/kg	0.000409 %	✓	
	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 }				28	mg/kg	1.462	35.493	mg/kg	0.00355 %	✓	
		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 }				230	mg/kg	1.126	224.592	mg/kg	0.0225 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	194	mg/kg	1.56	262.449	mg/kg	0.0168 %	✓	
	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 }				28	mg/kg	2.976	72.277	mg/kg	0.00723 %	✓	
	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 sulphate }				230	mg/kg	2.469	492.574	mg/kg	0.0493 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				6.6 pH		6.6 pH	6.6 pH		
			PH							
21	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
22	acenaphthylene				0.18 mg/kg		0.156 mg/kg	0.0000156 %	✓	
		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				0.16 mg/kg		0.139 mg/kg	0.0000139 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				1.17 mg/kg		1.015 mg/kg	0.000101 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.3 mg/kg		0.26 mg/kg	0.000026 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				2.09 mg/kg		1.813 mg/kg	0.000181 %	✓	
		205-912-4	206-44-0							
28	pyrene				1.78 mg/kg		1.544 mg/kg	0.000154 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.05 mg/kg		0.911 mg/kg	0.0000911 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				0.78 mg/kg		0.676 mg/kg	0.0000676 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.18 mg/kg		1.023 mg/kg	0.000102 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.4 mg/kg		0.347 mg/kg	0.0000347 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				0.89 mg/kg		0.772 mg/kg	0.0000772 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.74 mg/kg		0.642 mg/kg	0.0000642 %	✓	
		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				0.46 mg/kg		0.399 mg/kg	0.0000399 %	✓	
		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:								0.109 %		

Key

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



Classification of sample: TP4[4]

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

Sample details

Sample Name:	LoW Code:	
TP4[4]	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)
0.70 m		
Moisture content:		
13.1%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 13.1% 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 }				23.5 mg/kg	1.32	27.434 mg/kg	0.00274 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				1.6 mg/kg	2.775	3.926 mg/kg	0.000393 %	✓	
	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 }				25 mg/kg	1.462	32.307 mg/kg	0.00323 %	✓	
		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 }				54 mg/kg	1.126	53.756 mg/kg	0.00538 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	173 mg/kg	1.56	238.592 mg/kg	0.0153 %	✓	
	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	47.368 mg/kg	0.00474 %	✓	
	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 sulphate }				134 mg/kg	2.469	292.56 mg/kg	0.0293 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [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				5.8	pH		5.8	pH	5.8 pH		
				pH									
21		naphthalene				0.2	mg/kg		0.177	mg/kg	0.0000177 %	✓	
		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				0.21	mg/kg		0.186	mg/kg	0.0000186 %	✓	
			201-469-6	83-32-9									
24	●	fluorene				0.16	mg/kg		0.141	mg/kg	0.0000141 %	✓	
			201-695-5	86-73-7									
25	●	phenanthrene				1.39	mg/kg		1.229	mg/kg	0.000123 %	✓	
			201-581-5	85-01-8									
26	●	anthracene				0.24	mg/kg		0.212	mg/kg	0.0000212 %	✓	
			204-371-1	120-12-7									
27	●	fluoranthene				1.53	mg/kg		1.353	mg/kg	0.000135 %	✓	
			205-912-4	206-44-0									
28	●	pyrene				1.28	mg/kg		1.132	mg/kg	0.000113 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.58	mg/kg		0.513	mg/kg	0.0000513 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.76	mg/kg		0.672	mg/kg	0.0000672 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.61	mg/kg		0.539	mg/kg	0.0000539 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.24	mg/kg		0.212	mg/kg	0.0000212 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.42	mg/kg		0.371	mg/kg	0.0000371 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34	●	indeno[123-cd]pyrene				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
			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				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
			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:									0.0682 %				



Key

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

Classification of sample: TP8[2]

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

Sample details

Sample Name:	LoW Code:
TP8[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.8%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20.9	mg/kg	1.32	23.83	mg/kg	0.00238 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.116	mg/kg	0.000312 %	✓	
	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 }				0.6	mg/kg	1.142	0.592	mg/kg	0.0000592 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide }				19	mg/kg	1.462	23.981	mg/kg	0.0024 %	✓	
		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 }				51	mg/kg	1.126	49.586	mg/kg	0.00496 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	265	mg/kg	1.56	356.953	mg/kg	0.0229 %	✓	
	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	51.404	mg/kg	0.00514 %	✓	
	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 sulphate }				733	mg/kg	2.469	1563.035	mg/kg	0.156 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13	TPH (C6 to C40) petroleum group				80	mg/kg		69.085	mg/kg	0.00691 %	✓	
			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				6.5 pH		6.5 pH	6.5 pH		
			PH							
21	naphthalene				0.29 mg/kg		0.25 mg/kg	0.000025 %	✓	
	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				0.38 mg/kg		0.328 mg/kg	0.0000328 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.38 mg/kg		0.328 mg/kg	0.0000328 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				4.14 mg/kg		3.575 mg/kg	0.000358 %	✓	
		201-581-5	85-01-8							
26	anthracene				2.47 mg/kg		2.133 mg/kg	0.000213 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				11.8 mg/kg		10.19 mg/kg	0.00102 %	✓	
		205-912-4	206-44-0							
28	pyrene				10.7 mg/kg		9.24 mg/kg	0.000924 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				6.97 mg/kg		6.019 mg/kg	0.000602 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				5.19 mg/kg		4.482 mg/kg	0.000448 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				6.53 mg/kg		5.639 mg/kg	0.000564 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				2.23 mg/kg		1.926 mg/kg	0.000193 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				5.29 mg/kg		4.568 mg/kg	0.000457 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				2.38 mg/kg		2.055 mg/kg	0.000206 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.46 mg/kg		0.397 mg/kg	0.0000397 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				1.95 mg/kg		1.684 mg/kg	0.000168 %	✓	
		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:								0.209 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00691%)



Classification of sample: TP11[2]

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

Sample details

Sample Name:	LoW Code:	
TP11[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)
0.40 m		
Moisture content:		
19%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% 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 }				15 mg/kg	1.32	16.643 mg/kg	0.00166 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	beryllium { beryllium oxide }				1.7 mg/kg	2.775	3.965 mg/kg	0.000396 %	✓		
	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 }				1.2 mg/kg	1.142	1.152 mg/kg	0.000115 %	✓		
	048-002-00-0	215-146-2	1306-19-0								
5	chromium in chromium(III) compounds { chromium(III) oxide }				17 mg/kg	1.462	20.879 mg/kg	0.00209 %	✓		
		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 }				72 mg/kg	1.126	68.121 mg/kg	0.00681 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	241 mg/kg	1.56	315.895 mg/kg	0.0203 %	✓		
	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	65.028 mg/kg	0.0065 %	✓		
	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 sulphate }				500 mg/kg	2.469	1037.52 mg/kg	0.104 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
13	TPH (C6 to C40) petroleum group				109 mg/kg		91.597 mg/kg	0.00916 %	✓		
			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				7.3	pH		7.3	pH	7.3 pH		
				PH									
21		naphthalene				3.29	mg/kg		2.765	mg/kg	0.000276 %	✓	
		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				4.16	mg/kg		3.496	mg/kg	0.00035 %	✓	
			201-469-6	83-32-9									
24	●	fluorene				2.72	mg/kg		2.286	mg/kg	0.000229 %	✓	
			201-695-5	86-73-7									
25	●	phenanthrene				24.4	mg/kg		20.504	mg/kg	0.00205 %	✓	
			201-581-5	85-01-8									
26	●	anthracene				3.75	mg/kg		3.151	mg/kg	0.000315 %	✓	
			204-371-1	120-12-7									
27	●	fluoranthene				19.4	mg/kg		16.303	mg/kg	0.00163 %	✓	
			205-912-4	206-44-0									
28	●	pyrene				11.2	mg/kg		9.412	mg/kg	0.000941 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				3.95	mg/kg		3.319	mg/kg	0.000332 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				4.32	mg/kg		3.63	mg/kg	0.000363 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				3.43	mg/kg		2.882	mg/kg	0.000288 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				1.08	mg/kg		0.908	mg/kg	0.0000908 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				2.53	mg/kg		2.126	mg/kg	0.000213 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34	●	indeno[123-cd]pyrene				1.13	mg/kg		0.95	mg/kg	0.000095 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.22	mg/kg		0.185	mg/kg	0.0000185 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36	●	benzo[ghi]perylene				0.88	mg/kg		0.739	mg/kg	0.0000739 %	✓	
			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
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 liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00916%)

Classification of sample: TP14[2]



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

Sample details

Sample Name:	LoW Code:
TP14[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
29.1%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 29.1% 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 }				17.6	mg/kg	1.32	18	mg/kg	0.0018 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	beryllium { beryllium oxide }				1.6	mg/kg	2.775	3.44	mg/kg	0.000344 %	✓	
	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 }				32	mg/kg	1.462	36.228	mg/kg	0.00362 %	✓	
		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 }				177	mg/kg	1.126	154.363	mg/kg	0.0154 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	444	mg/kg	1.56	536.451	mg/kg	0.0344 %	✓	
	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 }				46	mg/kg	2.976	106.048	mg/kg	0.0106 %	✓	
	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 sulphate }				674	mg/kg	2.469	1289.16	mg/kg	0.129 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13	TPH (C6 to C40) petroleum group				99	mg/kg		76.685	mg/kg	0.00767 %	✓	
			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				6.5 pH			6.5 pH		6.5 pH			
			PH											
21		naphthalene				1.13 mg/kg			0.875 mg/kg		0.0000875 %		✓	
	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				1.43 mg/kg			1.108 mg/kg		0.000111 %		✓	
		201-469-6	83-32-9											
24	●	fluorene				1.1 mg/kg			0.852 mg/kg		0.0000852 %		✓	
		201-695-5	86-73-7											
25	●	phenanthrene				10.5 mg/kg			8.133 mg/kg		0.000813 %		✓	
		201-581-5	85-01-8											
26	●	anthracene				2.34 mg/kg			1.813 mg/kg		0.000181 %		✓	
		204-371-1	120-12-7											
27	●	fluoranthene				15.7 mg/kg			12.161 mg/kg		0.00122 %		✓	
		205-912-4	206-44-0											
28	●	pyrene				13.2 mg/kg			10.225 mg/kg		0.00102 %		✓	
		204-927-3	129-00-0											
29		benzo[a]anthracene				5.88 mg/kg			4.555 mg/kg		0.000455 %		✓	
	601-033-00-9	200-280-6	56-55-3											
30		chrysene				4.83 mg/kg			3.741 mg/kg		0.000374 %		✓	
	601-048-00-0	205-923-4	218-01-9											
31		benzo[b]fluoranthene				5.26 mg/kg			4.074 mg/kg		0.000407 %		✓	
	601-034-00-4	205-911-9	205-99-2											
32		benzo[k]fluoranthene				1.53 mg/kg			1.185 mg/kg		0.000119 %		✓	
	601-036-00-5	205-916-6	207-08-9											
33		benzo[a]pyrene; benzo[def]chrysene				3.65 mg/kg			2.827 mg/kg		0.000283 %		✓	
	601-032-00-3	200-028-5	50-32-8											
34	●	indeno[123-cd]pyrene				1.53 mg/kg			1.185 mg/kg		0.000119 %		✓	
		205-893-2	193-39-5											
35		dibenz[a,h]anthracene				0.33 mg/kg			0.256 mg/kg		0.0000256 %		✓	
	601-041-00-2	200-181-8	53-70-3											
36	●	benzo[ghi]perylene				1.19 mg/kg			0.922 mg/kg		0.0000922 %		✓	
		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:											0.21 %			

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00767%)



Classification of sample: TP15[2]

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

Sample details

Sample Name:	LoW Code:
TP15[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				16.1 mg/kg	1.32	21.257 mg/kg	0.00213 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	beryllium { beryllium oxide }				2.1 mg/kg	2.775	5.828 mg/kg	0.000583 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
3	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
4	cadmium { cadmium oxide }				0.5 mg/kg	1.142	0.571 mg/kg	0.0000571 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
5	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	52.616 mg/kg	0.00526 %	✓	
		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 }				155 mg/kg	1.126	174.513 mg/kg	0.0175 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	246 mg/kg	1.56	383.715 mg/kg	0.0246 %	✓	
	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 }				58 mg/kg	2.976	172.623 mg/kg	0.0173 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
11	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661 mg/kg	<0.000766 %		<LOD
	034-002-00-8									
12	zinc { zinc sulphate }				495 mg/kg	2.469	1222.302 mg/kg	0.122 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
13	TPH (C6 to C40) petroleum group		TPH		67 mg/kg		67 mg/kg	0.0067 %	✓	
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							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
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				7.3 pH		7.3 pH	7.3 pH			
21	naphthalene				0.55 mg/kg		0.55 mg/kg	0.000055 %		✓	
	601-052-00-2	202-049-5	91-20-3								
22	acenaphthylene				0.13 mg/kg		0.13 mg/kg	0.000013 %		✓	
		205-917-1	208-96-8								
23	acenaphthene				0.64 mg/kg		0.64 mg/kg	0.000064 %		✓	
		201-469-6	83-32-9								
24	fluorene				0.5 mg/kg		0.5 mg/kg	0.00005 %		✓	
		201-695-5	86-73-7								
25	phenanthrene				5.32 mg/kg		5.32 mg/kg	0.000532 %		✓	
		201-581-5	85-01-8								
26	anthracene				1.14 mg/kg		1.14 mg/kg	0.000114 %		✓	
		204-371-1	120-12-7								
27	fluoranthene				7.32 mg/kg		7.32 mg/kg	0.000732 %		✓	
		205-912-4	206-44-0								
28	pyrene				6.36 mg/kg		6.36 mg/kg	0.000636 %		✓	
		204-927-3	129-00-0								
29	benzo[a]anthracene				3.24 mg/kg		3.24 mg/kg	0.000324 %		✓	
	601-033-00-9	200-280-6	56-55-3								
30	chrysene				3.15 mg/kg		3.15 mg/kg	0.000315 %		✓	
	601-048-00-0	205-923-4	218-01-9								
31	benzo[b]fluoranthene				3.31 mg/kg		3.31 mg/kg	0.000331 %		✓	
	601-034-00-4	205-911-9	205-99-2								
32	benzo[k]fluoranthene				1.53 mg/kg		1.53 mg/kg	0.000153 %		✓	
	601-036-00-5	205-916-6	207-08-9								
33	benzo[a]pyrene; benzo[def]chrysene				2.79 mg/kg		2.79 mg/kg	0.000279 %		✓	
	601-032-00-3	200-028-5	50-32-8								
34	indeno[123-cd]pyrene				1.66 mg/kg		1.66 mg/kg	0.000166 %		✓	
		205-893-2	193-39-5								
35	dibenz[a,h]anthracene				0.17 mg/kg		0.17 mg/kg	0.000017 %		✓	
	601-041-00-2	200-181-8	53-70-3								
36	benzo[ghi]perylene				1.51 mg/kg		1.51 mg/kg	0.000151 %		✓	
		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:									0.202 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0067%)

Classification of sample: WS1[2]

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

Sample details

Sample Name:	LoW Code:
WS1[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.40 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %	✓	
		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 }				29	mg/kg	1.462	42.385	mg/kg	0.00424 %	✓	
			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 }				53	mg/kg	1.126	59.672	mg/kg	0.00597 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	223	mg/kg	1.56	347.839	mg/kg	0.0223 %	✓	
		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 }				21	mg/kg	2.976	62.502	mg/kg	0.00625 %	✓	
		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 sulphate }				271	mg/kg	2.469	669.179	mg/kg	0.0669 %	✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
13		TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									



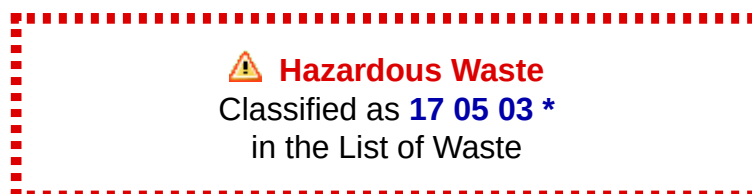
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	benzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
16	toluene				<0.005 mg/kg		<0.005 mg/kg	<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				5.3 pH		5.3 pH	5.3 pH		
			PH							
21	naphthalene				0.25 mg/kg		0.25 mg/kg	0.000025 %	✓	
	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				0.18 mg/kg		0.18 mg/kg	0.000018 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.14 mg/kg		0.14 mg/kg	0.000014 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				1.64 mg/kg		1.64 mg/kg	0.000164 %	✓	
		201-581-5	85-01-8							
26	anthracene				0.27 mg/kg		0.27 mg/kg	0.000027 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				2.62 mg/kg		2.62 mg/kg	0.000262 %	✓	
		205-912-4	206-44-0							
28	pyrene				2.31 mg/kg		2.31 mg/kg	0.000231 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				1.03 mg/kg		1.03 mg/kg	0.000103 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				1.22 mg/kg		1.22 mg/kg	0.000122 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				1.42 mg/kg		1.42 mg/kg	0.000142 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				0.43 mg/kg		0.43 mg/kg	0.000043 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				1 mg/kg		1 mg/kg	0.0001 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				0.53 mg/kg		0.53 mg/kg	0.000053 %	✓	
		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				0.47 mg/kg		0.47 mg/kg	0.000047 %	✓	
		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:								0.117 %		



Key

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

Classification of sample: WS6[2]



Sample details

Sample Name:	LoW Code:
WS6[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

zinc sulphate: (compound conc.: 0.511%)

Determinands

Moisture content: 0% 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 }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		beryllium { beryllium oxide }				1.6	mg/kg	2.775	4.441	mg/kg	0.000444 %	✓	
		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 }				37	mg/kg	1.462	54.078	mg/kg	0.00541 %	✓	
			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 }				114	mg/kg	1.126	128.351	mg/kg	0.0128 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	501	mg/kg	1.56	781.467	mg/kg	0.0501 %	✓	
		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 }				48	mg/kg	2.976	142.861	mg/kg	0.0143 %	✓	
		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 sulphate }				2070	mg/kg	2.469	5111.444	mg/kg	0.511 %	✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	TPH (C6 to C40) petroleum group				<42	mg/kg		<42	mg/kg	<0.0042 %		<LOD
			TPH									
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
15	benzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2	mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
	006-007-00-5											
20	pH				5.9	pH		5.9	pH	5.9 pH		
			PH									
21	naphthalene				0.28	mg/kg		0.28	mg/kg	0.000028 %	✓	
	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				0.43	mg/kg		0.43	mg/kg	0.000043 %	✓	
		201-469-6	83-32-9									
24	fluorene				0.32	mg/kg		0.32	mg/kg	0.000032 %	✓	
		201-695-5	86-73-7									
25	phenanthrene				3.62	mg/kg		3.62	mg/kg	0.000362 %	✓	
		201-581-5	85-01-8									
26	anthracene				0.71	mg/kg		0.71	mg/kg	0.000071 %	✓	
		204-371-1	120-12-7									
27	fluoranthene				5.03	mg/kg		5.03	mg/kg	0.000503 %	✓	
		205-912-4	206-44-0									
28	pyrene				4.37	mg/kg		4.37	mg/kg	0.000437 %	✓	
		204-927-3	129-00-0									
29	benzo[a]anthracene				1.85	mg/kg		1.85	mg/kg	0.000185 %	✓	
	601-033-00-9	200-280-6	56-55-3									
30	chrysene				1.83	mg/kg		1.83	mg/kg	0.000183 %	✓	
	601-048-00-0	205-923-4	218-01-9									
31	benzo[b]fluoranthene				1.63	mg/kg		1.63	mg/kg	0.000163 %	✓	
	601-034-00-4	205-911-9	205-99-2									
32	benzo[k]fluoranthene				0.5	mg/kg		0.5	mg/kg	0.00005 %	✓	
	601-036-00-5	205-916-6	207-08-9									
33	benzo[a]pyrene; benzo[def]chrysene				1.14	mg/kg		1.14	mg/kg	0.000114 %	✓	
	601-032-00-3	200-028-5	50-32-8									
34	indeno[123-cd]pyrene				0.62	mg/kg		0.62	mg/kg	0.000062 %	✓	
		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				0.51	mg/kg		0.51	mg/kg	0.000051 %	✓	
		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:										0.606 %		



Key

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

Classification of sample: STP (Stockpile)[2]

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

Sample details

Sample Name: **STP (Stockpile)[2]** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% 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 }				16.3	mg/kg	1.32	21.521	mg/kg	0.00215 %		✓	
		033-003-00-0	215-481-4	1327-53-3										
2		beryllium { beryllium oxide }				0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		✓	
		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 }				18	mg/kg	1.462	26.308	mg/kg	0.00263 %		✓	
			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 }				38	mg/kg	1.126	42.784	mg/kg	0.00428 %		✓	
		029-002-00-X	215-270-7	1317-39-1										
8		lead { lead chromate }			1	72	mg/kg	1.56	112.307	mg/kg	0.0072 %		✓	
		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	32.739	mg/kg	0.00327 %		✓	
		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 sulphate }				114	mg/kg	2.469	281.5	mg/kg	0.0281 %		✓	
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]										
13		TPH (C6 to C40) petroleum group				143	mg/kg		143	mg/kg	0.0143 %		✓	
				TPH										
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %			<LOD
		603-181-00-X	216-653-1	1634-04-4										



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
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				7.1 pH		7.1 pH	7.1 pH		
			PH							
21	naphthalene				0.59 mg/kg		0.59 mg/kg	0.000059 %	✓	
	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				1.18 mg/kg		1.18 mg/kg	0.000118 %	✓	
		201-469-6	83-32-9							
24	fluorene				0.9 mg/kg		0.9 mg/kg	0.00009 %	✓	
		201-695-5	86-73-7							
25	phenanthrene				8.76 mg/kg		8.76 mg/kg	0.000876 %	✓	
		201-581-5	85-01-8							
26	anthracene				2.06 mg/kg		2.06 mg/kg	0.000206 %	✓	
		204-371-1	120-12-7							
27	fluoranthene				12.6 mg/kg		12.6 mg/kg	0.00126 %	✓	
		205-912-4	206-44-0							
28	pyrene				10.6 mg/kg		10.6 mg/kg	0.00106 %	✓	
		204-927-3	129-00-0							
29	benzo[a]anthracene				4.31 mg/kg		4.31 mg/kg	0.000431 %	✓	
	601-033-00-9	200-280-6	56-55-3							
30	chrysene				4.28 mg/kg		4.28 mg/kg	0.000428 %	✓	
	601-048-00-0	205-923-4	218-01-9							
31	benzo[b]fluoranthene				3.79 mg/kg		3.79 mg/kg	0.000379 %	✓	
	601-034-00-4	205-911-9	205-99-2							
32	benzo[k]fluoranthene				1.27 mg/kg		1.27 mg/kg	0.000127 %	✓	
	601-036-00-5	205-916-6	207-08-9							
33	benzo[a]pyrene; benzo[def]chrysene				2.84 mg/kg		2.84 mg/kg	0.000284 %	✓	
	601-032-00-3	200-028-5	50-32-8							
34	indeno[123-cd]pyrene				1.37 mg/kg		1.37 mg/kg	0.000137 %	✓	
		205-893-2	193-39-5							
35	dibenz[a,h]anthracene				0.25 mg/kg		0.25 mg/kg	0.000025 %	✓	
	601-041-00-2	200-181-8	53-70-3							
36	benzo[ghi]perylene				1.11 mg/kg		1.11 mg/kg	0.000111 %	✓	
		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:								0.07 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No liquid/free phase detected.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0143%)

Appendix A: Classifier defined and non CLP determinands

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

Conversion factor: 1.462

Description/Comments: Data from C&L Inventory Database

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

Data source date: 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)/Risk Phrase(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)/Risk Phrase(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}

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

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

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

copper {dicopper oxide; copper (I) oxide}

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

lead {lead chromate}

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

mercury {mercury dichloride}

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

nickel {nickel chromate}

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

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

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

zinc {zinc sulphate}

Low chromium in soil.

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: 2019.182.3894.7916 (01 Jul 2019)

HazWasteOnline Database: 2019.182.3894.7916 (01 Jul 2019)

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
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