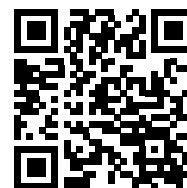


Waste Classification Report

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

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



ZZJNG-YJN81-SNVOE

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

Job name

Untitled 69092

Description/Comments

Project

Varley Street

Site

Classified by

Name: **Gemma Lucas**
 Date: **28 Mar 2022 13:32 GMT**
 Telephone: **0151 291 6451**
 Company: **Envirosolution**
The Quay Suite 5, No 12 Princes Dock,
Liverpool Waters
L3 1DL

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

HazWasteOnline™ Certification:

Course

Hazardous Waste Classification

Date

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP1	0.3	Non Hazardous		3
2	TP1[2]	1.3	Non Hazardous		5
3	TP2	0.3	Hazardous	HP 7, HP 11	7
4	TP3	0.3	Hazardous	HP 14	10
5	TP3[2]	1.0	Non Hazardous		12
6	TP4	0.3	Hazardous	HP 7, HP 11	14
7	TP5	0.3	Hazardous	HP 7, HP 11	17
8	TP5[2]	1.5	Non Hazardous		19
9	TP6	0.3	Non Hazardous		21
10	TP7	0.3	Hazardous	HP 7, HP 11	23
11	TP8	0.3	Hazardous	HP 7, HP 11	26
12	TP8[2]	1.5	Hazardous	HP 7, HP 10, HP 14	29
13	TP9	0.3	Non Hazardous		32
14	TP10	0.3	Hazardous	HP 7, HP 11	34
15	TP10[2]	0.7	Non Hazardous		37
16	TP11	0.3	Hazardous	HP 7, HP 11	39
17	TP12	0.5	Non Hazardous		42
18	TP13	0.3	Hazardous	HP 7, HP 11	44
19	TP13[2]	0.8	Non Hazardous		47
20	TP14	0.3	Hazardous	HP 7, HP 11	49
21	TP14[2]	1.0	Hazardous	HP 3(i), HP 7, HP 11, HP 14	51
22	TP15	0.3	Hazardous	HP 7, HP 11	54
23	TP16	0.3	Hazardous	HP 7, HP 11	57
24	TP17	0.3	Hazardous	HP 7, HP 11	59
25	TP18	0.3	Hazardous	HP 7, HP 11	61
26	TP18[2]	1.2	Non Hazardous		64
27	TP19	0.3	Hazardous	HP 7	66
28	WS4	3.8	Non Hazardous		68
29	WS6	0.6	Non Hazardous		70

Related documents

#	Name	Description
1	Haz Waste Assessment	waste stream template used to create this Job

Report

Created by: Gemma Lucas

Created date: 28 Mar 2022 13:32 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	72
Appendix B: Rationale for selection of metal species	73
Appendix C: Version	73

Classification of sample: TP1


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

Sample details

Sample name:	LoW Code:
TP1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m	
Moisture content:	
14%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.7	pH		8.7	pH	8.7 pH		
2	arsenic { arsenic trioxide }				47	mg/kg	1.32	54.434	mg/kg	0.00544 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.78	mg/kg	1.285	0.879	mg/kg	0.0000684 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				23	mg/kg		20.175	mg/kg	0.00202 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				180	mg/kg	3.929	620.377	mg/kg	0.062 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.79	mg/kg	1.353	0.938	mg/kg	0.0000938 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				31	mg/kg	2.976	80.934	mg/kg	0.00809 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	460	mg/kg	1.56	629.399	mg/kg	0.0404 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				0.58	mg/kg	1.405	0.715	mg/kg	0.0000715 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				270	mg/kg	2.774	657.035	mg/kg	0.0657 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				580	mg/kg		508.772	mg/kg	0.0509 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				24	mg/kg		21.053	mg/kg	0.00211 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				1.6	mg/kg		1.404	mg/kg	0.00014 %	✓	
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				0.61	mg/kg		0.535	mg/kg	0.0000535 %	✓	
		205-917-1	208-96-8									
15	acenaphthene				6	mg/kg		5.263	mg/kg	0.000526 %	✓	
		201-469-6	83-32-9									
16	fluorene				4	mg/kg		3.509	mg/kg	0.000351 %	✓	
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		42 mg/kg		36.842 mg/kg	0.00368 %	✓	
18	anthracene	204-371-1	120-12-7		11 mg/kg		9.649 mg/kg	0.000965 %	✓	
19	fluoranthene	205-912-4	206-44-0		60 mg/kg		52.632 mg/kg	0.00526 %	✓	
20	pyrene	204-927-3	129-00-0		54 mg/kg		47.368 mg/kg	0.00474 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		22 mg/kg		19.298 mg/kg	0.00193 %	✓	
22	chrysene	601-048-00-0	205-923-4		27 mg/kg		23.684 mg/kg	0.00237 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		10 mg/kg		8.772 mg/kg	0.000877 %	✓	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		3.1 mg/kg		2.719 mg/kg	0.000272 %	✓	
25	benzo[ghi]perylene	205-883-8	191-24-2		13 mg/kg		11.404 mg/kg	0.00114 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		12 mg/kg		10.526 mg/kg	0.00105 %	✓	
Total:								0.26 %		

Key

- User supplied data
- 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
- 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 Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0509%)

Classification of sample: TP1[2]


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

Sample details

Sample name:	LoW Code:
TP1[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
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
	EU CLP index number	EC Number	CAS Number									
1	pH				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				31	mg/kg	1.32	34.395	mg/kg	0.00344 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.16	mg/kg	1.285	0.173	mg/kg	0.0000134 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				23	mg/kg		19.328	mg/kg	0.00193 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				39	mg/kg	3.929	128.767	mg/kg	0.0129 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.227	mg/kg	0.0000227 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				34	mg/kg	2.976	85.036	mg/kg	0.0085 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	72	mg/kg	1.56	94.375	mg/kg	0.00605 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.28	mg/kg	1.405	0.331	mg/kg	0.0000331 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				57	mg/kg	2.774	132.879	mg/kg	0.0133 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				2.6	mg/kg		2.185	mg/kg	0.000218 %	✓	
		201-469-6	83-32-9									
16	fluorene				1.7	mg/kg		1.429	mg/kg	0.000143 %	✓	
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		9.1 mg/kg		7.647 mg/kg	0.000765 %	✓	
18	anthracene	204-371-1	120-12-7		1.7 mg/kg		1.429 mg/kg	0.000143 %	✓	
19	fluoranthene	205-912-4	206-44-0		3.4 mg/kg		2.857 mg/kg	0.000286 %	✓	
20	pyrene	204-927-3	129-00-0		2.5 mg/kg		2.101 mg/kg	0.00021 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0494 %		

Key

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

Classification of sample: TP2

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

Sample details

Sample name:	LoW Code:
TP2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
19%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.227%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.227%)

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
	EU CLP index number	EC Number	CAS Number									
1	pH				8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }				20	mg/kg	1.32	22.19	mg/kg	0.00222 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.28	mg/kg	1.285	0.302	mg/kg	0.0000235 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				14	mg/kg		11.765	mg/kg	0.00118 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				66	mg/kg	3.929	217.914	mg/kg	0.0218 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.25	mg/kg	1.353	0.284	mg/kg	0.0000284 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				20	mg/kg	2.976	50.021	mg/kg	0.005 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	160	mg/kg	1.56	209.723	mg/kg	0.0134 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.37 mg/kg	1.405	0.437 mg/kg	0.0000437 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				130 mg/kg	2.774	303.058 mg/kg	0.0303 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				2700 mg/kg		2268.908 mg/kg	0.227 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				5.9 mg/kg		4.958 mg/kg	0.000496 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				2.2 mg/kg		1.849 mg/kg	0.000185 %	✓	
		201-469-6	83-32-9							
16	fluorene				1.5 mg/kg		1.261 mg/kg	0.000126 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				13 mg/kg		10.924 mg/kg	0.00109 %	✓	
		201-581-5	85-01-8							
18	anthracene				2.5 mg/kg		2.101 mg/kg	0.00021 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				19 mg/kg		15.966 mg/kg	0.0016 %	✓	
		205-912-4	206-44-0							
20	pyrene				16 mg/kg		13.445 mg/kg	0.00134 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				5.8 mg/kg		4.874 mg/kg	0.000487 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				7 mg/kg		5.882 mg/kg	0.000588 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				2.6 mg/kg		2.185 mg/kg	0.000218 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				0.8 mg/kg		0.672 mg/kg	0.0000672 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				3 mg/kg		2.521 mg/kg	0.000252 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				2.8 mg/kg		2.353 mg/kg	0.000235 %	✓	
		205-893-2	193-39-5							
Total:								0.308 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.227%)

Classification of sample: TP3

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

Sample details

Sample name:	LoW Code:
TP3	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
14%	
(dry weight correction)	

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:

copper sulphate pentahydrate: (compound conc.: 0.252%)

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.6	pH		8.6	pH	8.6 pH		
2	arsenic { arsenic trioxide }				24	mg/kg	1.32	27.796	mg/kg	0.00278 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.47	mg/kg	1.285	0.53	mg/kg	0.0000412 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				26	mg/kg		22.807	mg/kg	0.00228 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				730	mg/kg	3.929	2515.973	mg/kg	0.252 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.86	mg/kg	1.353	1.021	mg/kg	0.000102 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				29	mg/kg	2.976	75.712	mg/kg	0.00757 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	220	mg/kg	1.56	301.017	mg/kg	0.0193 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }				0.73	mg/kg	1.405	0.9	mg/kg	0.00009 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				160	mg/kg	2.774	389.354	mg/kg	0.0389 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				910	mg/kg		798.246	mg/kg	0.0798 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				5.7	mg/kg		5	mg/kg	0.0005 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	• acenaphthylene	205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
15	• acenaphthene	201-469-6	83-32-9		1.1 mg/kg		0.965 mg/kg	0.0000965 %	✓	
16	• fluorene	201-695-5	86-73-7		1 mg/kg		0.877 mg/kg	0.0000877 %	✓	
17	• phenanthrene	201-581-5	85-01-8		8.2 mg/kg		7.193 mg/kg	0.000719 %	✓	
18	• anthracene	204-371-1	120-12-7		2.1 mg/kg		1.842 mg/kg	0.000184 %	✓	
19	• fluoranthene	205-912-4	206-44-0		14 mg/kg		12.281 mg/kg	0.00123 %	✓	
20	• pyrene	204-927-3	129-00-0		13 mg/kg		11.404 mg/kg	0.00114 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		4.9 mg/kg		4.298 mg/kg	0.00043 %	✓	
22	chrysene	601-048-00-0	205-923-4		6.6 mg/kg		5.789 mg/kg	0.000579 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		2.4 mg/kg		2.105 mg/kg	0.000211 %	✓	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.62 mg/kg		0.544 mg/kg	0.0000544 %	✓	
25	• benzo[ghi]perylene	205-883-8	191-24-2		3.3 mg/kg		2.895 mg/kg	0.000289 %	✓	
26	• indeno[123-cd]pyrene	205-893-2	193-39-5		3.2 mg/kg		2.807 mg/kg	0.000281 %	✓	
Total:								0.408 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0798%)

Classification of sample: TP3[2]


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

Sample details

Sample name:	LoW Code:
TP3[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.0 m	
Moisture content:	
18%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.4 pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				22 mg/kg	1.32	24.616	mg/kg	0.00246 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium sulfide }			1	0.15 mg/kg	1.285	0.163	mg/kg	0.0000127 %	✓	
	048-010-00-4	215-147-8	1306-23-6								
4	chromium(III) oxide (worst case)				22 mg/kg		18.644	mg/kg	0.00186 %	✓	
		215-160-9	1308-38-9								
5	copper { copper sulphate pentahydrate }				30 mg/kg	3.929	99.891	mg/kg	0.00999 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
6	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel chromate }				33 mg/kg	2.976	83.235	mg/kg	0.00832 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
8	lead { lead chromate }			1	29 mg/kg	1.56	38.334	mg/kg	0.00246 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3 mg/kg	1.405	0.357	mg/kg	0.0000357 %	✓	
	034-002-00-8										
10	zinc { zinc chromate }				50 mg/kg	2.774	117.549	mg/kg	0.0118 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
12	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
13	naphthalene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9								
16	fluorene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	200-280-6	56-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	205-923-4	218-01-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	205-916-6	207-08-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0387 %		

Key

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

Classification of sample: TP4

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

Sample details

Sample name:	LoW Code:
TP4	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
15%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.687%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.687%)

Determinands

Moisture content: 15% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }				32	mg/kg	1.32	36.739	mg/kg	0.00367 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.32	mg/kg	1.285	0.358	mg/kg	0.0000278 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				20	mg/kg		17.391	mg/kg	0.00174 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				100	mg/kg	3.929	341.657	mg/kg	0.0342 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.34	mg/kg	1.353	0.4	mg/kg	0.00004 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				24	mg/kg	2.976	62.113	mg/kg	0.00621 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	290	mg/kg	1.56	393.345	mg/kg	0.0252 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.46 mg/kg	1.405	0.562 mg/kg	0.0000562 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				140 mg/kg	2.774	337.722 mg/kg	0.0338 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				7900 mg/kg		6869.565 mg/kg	0.687 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				10 mg/kg		8.696 mg/kg	0.00087 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				2.1 mg/kg		1.826 mg/kg	0.000183 %	✓	
		201-469-6	83-32-9							
16	fluorene				1.6 mg/kg		1.391 mg/kg	0.000139 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				14 mg/kg		12.174 mg/kg	0.00122 %	✓	
		201-581-5	85-01-8							
18	anthracene				3.9 mg/kg		3.391 mg/kg	0.000339 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				25 mg/kg		21.739 mg/kg	0.00217 %	✓	
		205-912-4	206-44-0							
20	pyrene				22 mg/kg		19.13 mg/kg	0.00191 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				9 mg/kg		7.826 mg/kg	0.000783 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				11 mg/kg		9.565 mg/kg	0.000957 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				5.1 mg/kg		4.435 mg/kg	0.000443 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				1.4 mg/kg		1.217 mg/kg	0.000122 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				5.9 mg/kg		5.13 mg/kg	0.000513 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				5 mg/kg		4.348 mg/kg	0.000435 %	✓	
		205-893-2	193-39-5							
Total:								0.802 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.687%)

Classification of sample: TP5

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

Sample details

Sample name:	LoW Code:
TP5	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
14%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.386%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.386%)

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				31	mg/kg	1.32	35.904	mg/kg	0.00359 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.2	mg/kg	1.285	0.225	mg/kg	0.0000175 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				23	mg/kg		20.175	mg/kg	0.00202 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				310	mg/kg	3.929	1068.427	mg/kg	0.107 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.65	mg/kg	1.353	0.772	mg/kg	0.0000772 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				34	mg/kg	2.976	88.766	mg/kg	0.00888 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	280	mg/kg	1.56	383.112	mg/kg	0.0246 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.43	mg/kg	1.405	0.53	mg/kg	0.000053 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				240	mg/kg	2.774	584.031	mg/kg	0.0584 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				4400	mg/kg		3859.649	mg/kg	0.386 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				35	mg/kg		30.702	mg/kg	0.00307 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				2.4	mg/kg		2.105	mg/kg	0.000211 %	✓	
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				1.3	mg/kg		1.14	mg/kg	0.000114 %	✓	
		205-917-1	208-96-8									
15	acenaphthene				9	mg/kg		7.895	mg/kg	0.000789 %	✓	
		201-469-6	83-32-9									
16	fluorene				8.3	mg/kg		7.281	mg/kg	0.000728 %	✓	
		201-695-5	86-73-7									
17	phenanthrene				66	mg/kg		57.895	mg/kg	0.00579 %	✓	
		201-581-5	85-01-8									
18	anthracene				16	mg/kg		14.035	mg/kg	0.0014 %	✓	
		204-371-1	120-12-7									
19	fluoranthene				88	mg/kg		77.193	mg/kg	0.00772 %	✓	
		205-912-4	206-44-0									
20	pyrene				87	mg/kg		76.316	mg/kg	0.00763 %	✓	
		204-927-3	129-00-0									
21	benzo[a]anthracene				33	mg/kg		28.947	mg/kg	0.00289 %	✓	
	601-033-00-9	200-280-6	56-55-3									
22	chrysene				38	mg/kg		33.333	mg/kg	0.00333 %	✓	
	601-048-00-0	205-923-4	218-01-9									
23	benzo[k]fluoranthene				14	mg/kg		12.281	mg/kg	0.00123 %	✓	
	601-036-00-5	205-916-6	207-08-9									
24	dibenz[a,h]anthracene				4.3	mg/kg		3.772	mg/kg	0.000377 %	✓	
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				17	mg/kg		14.912	mg/kg	0.00149 %	✓	
		205-883-8	191-24-2									
26	indeno[123-cd]pyrene				16	mg/kg		14.035	mg/kg	0.0014 %	✓	
		205-893-2	193-39-5									
Total:										0.629 %		

Key

	User supplied data
	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

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 Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.386%)

Classification of sample: TP5[2]


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

Sample details

Sample name:	LoW Code:
TP5[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				30	mg/kg	1.32	32.467	mg/kg	0.00325 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.65	mg/kg	1.285	0.685	mg/kg	0.0000533 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				20	mg/kg		16.393	mg/kg	0.00164 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				140	mg/kg	3.929	450.875	mg/kg	0.0451 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.35	mg/kg	1.353	0.388	mg/kg	0.0000388 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				31	mg/kg	2.976	75.626	mg/kg	0.00756 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	220	mg/kg	1.56	281.278	mg/kg	0.018 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.83	mg/kg	1.405	0.956	mg/kg	0.0000956 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				160	mg/kg	2.774	363.822	mg/kg	0.0364 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				22	mg/kg		18.033	mg/kg	0.0018 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				1.4	mg/kg		1.148	mg/kg	0.000115 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9									
16	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		2.6 mg/kg		2.131 mg/kg	0.000213 %	✓	
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		3.9 mg/kg		3.197 mg/kg	0.00032 %	✓	
20	pyrene	204-927-3	129-00-0		4.2 mg/kg		3.443 mg/kg	0.000344 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		2 mg/kg		1.639 mg/kg	0.000164 %	✓	
22	chrysene	601-048-00-0	205-923-4		1.9 mg/kg		1.557 mg/kg	0.000156 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		0.71 mg/kg		0.582 mg/kg	0.0000582 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.116 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0018%)

Classification of sample: TP6


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

Sample details

Sample name:	LoW Code:
TP6	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)
0.3 m	
Moisture content:	
18%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8.3 pH		8.3 pH	8.3 pH		
2	arsenic { arsenic trioxide }				11 mg/kg	1.32	12.308 mg/kg	0.00123 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium sulfide }			1	0.52 mg/kg	1.285	0.566 mg/kg	0.0000441 %	✓	
	048-010-00-4	215-147-8	1306-23-6							
4	chromium(III) oxide (worst case)				22 mg/kg		18.644 mg/kg	0.00186 %	✓	
		215-160-9	1308-38-9							
5	copper { copper sulphate pentahydrate }				34 mg/kg	3.929	113.21 mg/kg	0.0113 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
6	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel chromate }				27 mg/kg	2.976	68.101 mg/kg	0.00681 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
8	lead { lead chromate }			1	76 mg/kg	1.56	100.463 mg/kg	0.00644 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.34 mg/kg	1.405	0.405 mg/kg	0.0000405 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				80 mg/kg	2.774	188.078 mg/kg	0.0188 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				100 mg/kg		84.746 mg/kg	0.00847 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0558 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00847%)

Classification of sample: TP7

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

Sample details

Sample name:	LoW Code:
TP7	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
17%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.778%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.778%)

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH		PH		8.6	pH		8.6	pH	8.6 pH	
2	arsenic { arsenic trioxide }				62	mg/kg	1.32	69.966	mg/kg	0.007 %	✓
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium sulfide }			1	0.38	mg/kg	1.285	0.417	mg/kg	0.0000325 %	✓
	048-010-00-4	215-147-8	1306-23-6								
4	chromium(III) oxide (worst case)				18	mg/kg		15.385	mg/kg	0.00154 %	✓
		215-160-9	1308-38-9								
5	copper { copper sulphate pentahydrate }				120	mg/kg	3.929	402.98	mg/kg	0.0403 %	✓
	029-023-00-4	231-847-6	7758-99-8								
6	mercury { mercury dichloride }				0.29	mg/kg	1.353	0.335	mg/kg	0.0000335 %	✓
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel chromate }				29	mg/kg	2.976	73.771	mg/kg	0.00738 %	✓
	028-035-00-7	238-766-5	14721-18-7								
8	lead { lead chromate }			1	350	mg/kg	1.56	466.611	mg/kg	0.0299 %	✓
	082-004-00-2	231-846-0	7758-97-6								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.55 mg/kg	1.405	0.66 mg/kg	0.000066 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				130 mg/kg	2.774	308.239 mg/kg	0.0308 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				9100 mg/kg		7777.778 mg/kg	0.778 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				4.6 mg/kg		3.932 mg/kg	0.000393 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				1.3 mg/kg		1.111 mg/kg	0.000111 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				5.4 mg/kg		4.615 mg/kg	0.000462 %	✓	
		201-469-6	83-32-9							
16	fluorene				3.8 mg/kg		3.248 mg/kg	0.000325 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				30 mg/kg		25.641 mg/kg	0.00256 %	✓	
		201-581-5	85-01-8							
18	anthracene				6 mg/kg		5.128 mg/kg	0.000513 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				38 mg/kg		32.479 mg/kg	0.00325 %	✓	
		205-912-4	206-44-0							
20	pyrene				33 mg/kg		28.205 mg/kg	0.00282 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				11 mg/kg		9.402 mg/kg	0.00094 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				13 mg/kg		11.111 mg/kg	0.00111 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				1.7 mg/kg		1.453 mg/kg	0.000145 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				4.7 mg/kg		4.017 mg/kg	0.000402 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				4.7 mg/kg		4.017 mg/kg	0.000402 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				1.3 mg/kg		1.111 mg/kg	0.000111 %	✓	
		205-893-2	193-39-5							
Total:								0.908 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.778%)

Classification of sample: TP8

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

Sample details

Sample name:	LoW Code:
TP8	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
18%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.517%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.517%)

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				39	mg/kg	1.32	43.638	mg/kg	0.00436 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.31	mg/kg	1.285	0.338	mg/kg	0.0000263 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				17	mg/kg		14.407	mg/kg	0.00144 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				140	mg/kg	3.929	466.159	mg/kg	0.0466 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.54	mg/kg	1.353	0.619	mg/kg	0.0000619 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				30	mg/kg	2.976	75.668	mg/kg	0.00757 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	230	mg/kg	1.56	304.032	mg/kg	0.0195 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.59 mg/kg	1.405	0.703 mg/kg	0.0000703 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				110 mg/kg	2.774	258.607 mg/kg	0.0259 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				6100 mg/kg		5169.492 mg/kg	0.517 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				5.5 mg/kg		4.661 mg/kg	0.000466 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				1.3 mg/kg		1.102 mg/kg	0.00011 %	✓	
		201-469-6	83-32-9							
16	fluorene				0.92 mg/kg		0.78 mg/kg	0.000078 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				8 mg/kg		6.78 mg/kg	0.000678 %	✓	
		201-581-5	85-01-8							
18	anthracene				1.9 mg/kg		1.61 mg/kg	0.000161 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				12 mg/kg		10.169 mg/kg	0.00102 %	✓	
		205-912-4	206-44-0							
20	pyrene				12 mg/kg		10.169 mg/kg	0.00102 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				4.5 mg/kg		3.814 mg/kg	0.000381 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				6.1 mg/kg		5.169 mg/kg	0.000517 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				2.2 mg/kg		1.864 mg/kg	0.000186 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				0.62 mg/kg		0.525 mg/kg	0.0000525 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				3.4 mg/kg		2.881 mg/kg	0.000288 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				3 mg/kg		2.542 mg/kg	0.000254 %	✓	
		205-893-2	193-39-5							
Total:								0.628 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.517%)

Classification of sample: TP8[2]

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

Sample details

Sample name:	LoW Code:
TP8[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
1.5 m	
Moisture content:	
28%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc chromate: (compound conc.: 0.113%)

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

Because of determinand:

lead chromate: (Note 1 conc.: 0.414%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead chromate: (Note 1 conc.: 0.414%)

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 determinands:

copper sulphate pentahydrate: (compound conc.: 0.645%)

lead chromate: (Note 1 conc.: 0.414%)

zinc chromate: (compound conc.: 0.113%)

Determinands

Moisture content: 28% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				7.8 pH		7.8 pH	7.8 pH		
2	arsenic { arsenic trioxide }				89 mg/kg	1.32	91.804 mg/kg	0.00918 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium sulfide }			1	12 mg/kg	1.285	12.049 mg/kg	0.000938 %	✓	
	048-010-00-4	215-147-8	1306-23-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
4	chromium(III) oxide (worst case)	215-160-9	1308-38-9		14 mg/kg		10.938 mg/kg	0.00109 %		✓	
5	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6		2100 mg/kg	3.929	6446.103 mg/kg	0.645 %		✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8		0.51 mg/kg	1.353	0.539 mg/kg	0.0000539 %		✓	
7	nickel { nickel chromate }	028-035-00-7	238-766-5		26 mg/kg	2.976	60.455 mg/kg	0.00605 %		✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	1	5300 mg/kg	1.56	6458.61 mg/kg	0.414 %		✓	
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			1.3 mg/kg	1.405	1.427 mg/kg	0.000143 %		✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9		520 mg/kg	2.774	1126.997 mg/kg	0.113 %		✓	
11	TPH (C6 to C40) petroleum group		TPH		100 mg/kg		78.125 mg/kg	0.00781 %		✓	
12	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.1 mg/kg		0.859 mg/kg	0.0000859 %		✓	
13	naphthalene	601-052-00-2	202-049-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
14	acenaphthylene	205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
15	acenaphthene	201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
16	fluorene	201-695-5	86-73-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
17	phenanthrene	201-581-5	85-01-8		2 mg/kg		1.563 mg/kg	0.000156 %		✓	
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
19	fluoranthene	205-912-4	206-44-0		2.4 mg/kg		1.875 mg/kg	0.000188 %		✓	
20	pyrene	204-927-3	129-00-0		2.5 mg/kg		1.953 mg/kg	0.000195 %		✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		1.4 mg/kg		1.094 mg/kg	0.000109 %		✓	
22	chrysene	601-048-00-0	205-923-4		1.3 mg/kg		1.016 mg/kg	0.000102 %		✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
Total:									1.198 %		

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00781%)

Classification of sample: TP9


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

Sample details

Sample name:	LoW Code:
TP9	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)
0.3 m	
Moisture content:	
17%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8 pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				42 mg/kg	1.32	47.396	mg/kg	0.00474 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium sulfide }			1	0.6 mg/kg	1.285	0.659	mg/kg	0.0000513 %	✓	
	048-010-00-4	215-147-8	1306-23-6								
4	chromium(III) oxide (worst case)				24 mg/kg		20.513	mg/kg	0.00205 %	✓	
		215-160-9	1308-38-9								
5	copper { copper sulphate pentahydrate }				110 mg/kg	3.929	369.398	mg/kg	0.0369 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
6	mercury { mercury dichloride }				1.7 mg/kg	1.353	1.967	mg/kg	0.000197 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel chromate }				30 mg/kg	2.976	76.314	mg/kg	0.00763 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
8	lead { lead chromate }			1	380 mg/kg	1.56	506.607	mg/kg	0.0325 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
9	selenium { selenium compounds with the exception of cadmium sulfoxeselenide and those specified elsewhere in this Annex }				1.2 mg/kg	1.405	1.441	mg/kg	0.000144 %	✓	
	034-002-00-8										
10	zinc { zinc chromate }				200 mg/kg	2.774	474.213	mg/kg	0.0474 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				790 mg/kg		675.214	mg/kg	0.0675 %	✓	
			TPH								
12	benzo[a]pyrene; benzo[def]chrysene				11 mg/kg		9.402	mg/kg	0.00094 %	✓	
	601-032-00-3	200-028-5	50-32-8								
13	naphthalene				0.94 mg/kg		0.803	mg/kg	0.0000803 %	✓	
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8								
15	acenaphthene				3.1 mg/kg		2.65	mg/kg	0.000265 %	✓	
		201-469-6	83-32-9								
16	fluorene				2.3 mg/kg		1.966	mg/kg	0.000197 %	✓	
		201-695-5	86-73-7								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		21 mg/kg		17.949 mg/kg	0.00179 %	✓	
18	anthracene	204-371-1	120-12-7		4.8 mg/kg		4.103 mg/kg	0.00041 %	✓	
19	fluoranthene	205-912-4	206-44-0		26 mg/kg		22.222 mg/kg	0.00222 %	✓	
20	pyrene	204-927-3	129-00-0		24 mg/kg		20.513 mg/kg	0.00205 %	✓	
21	benzo[a]anthracene	200-280-6	56-55-3		9 mg/kg		7.692 mg/kg	0.000769 %	✓	
22	chrysene	205-923-4	218-01-9		12 mg/kg		10.256 mg/kg	0.00103 %	✓	
23	benzo[k]fluoranthene	205-916-6	207-08-9		4.3 mg/kg		3.675 mg/kg	0.000368 %	✓	
24	dibenz[a,h]anthracene	200-181-8	53-70-3		1.2 mg/kg		1.026 mg/kg	0.000103 %	✓	
25	benzo[ghi]perylene	205-883-8	191-24-2		6.2 mg/kg		5.299 mg/kg	0.00053 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		5.6 mg/kg		4.786 mg/kg	0.000479 %	✓	
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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0675%)

Classification of sample: TP10

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

Sample details

Sample name:	LoW Code:
TP10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
18%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.246%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.246%)

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				73	mg/kg	1.32	81.681	mg/kg	0.00817 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.48	mg/kg	1.285	0.523	mg/kg	0.0000407 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				29	mg/kg		24.576	mg/kg	0.00246 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				170	mg/kg	3.929	566.05	mg/kg	0.0566 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.92	mg/kg	1.353	1.055	mg/kg	0.000106 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				35	mg/kg	2.976	88.279	mg/kg	0.00883 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	480	mg/kg	1.56	634.501	mg/kg	0.0407 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.62 mg/kg	1.405	0.738 mg/kg	0.0000738 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				180 mg/kg	2.774	423.175 mg/kg	0.0423 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				2900 mg/kg		2457.627 mg/kg	0.246 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				10 mg/kg		8.475 mg/kg	0.000847 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				0.67 mg/kg		0.568 mg/kg	0.0000568 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				1.8 mg/kg		1.525 mg/kg	0.000153 %	✓	
		201-469-6	83-32-9							
16	fluorene				1.3 mg/kg		1.102 mg/kg	0.00011 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				15 mg/kg		12.712 mg/kg	0.00127 %	✓	
		201-581-5	85-01-8							
18	anthracene				3.4 mg/kg		2.881 mg/kg	0.000288 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				24 mg/kg		20.339 mg/kg	0.00203 %	✓	
		205-912-4	206-44-0							
20	pyrene				21 mg/kg		17.797 mg/kg	0.00178 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				12 mg/kg		10.169 mg/kg	0.00102 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				11 mg/kg		9.322 mg/kg	0.000932 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				4.1 mg/kg		3.475 mg/kg	0.000347 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				1.4 mg/kg		1.186 mg/kg	0.000119 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				5.6 mg/kg		4.746 mg/kg	0.000475 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				5 mg/kg		4.237 mg/kg	0.000424 %	✓	
		205-893-2	193-39-5							
Total:								0.415 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.246%)

Classification of sample: TP10[2]


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

Sample details

Sample name:	LoW Code:
TP10[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.7 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.3	pH		7.3	pH	7.3 pH		
2	arsenic { arsenic trioxide }				11	mg/kg	1.32	11.808	mg/kg	0.00118 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	<0.1	mg/kg	1.285	<0.129	mg/kg	<0.00001 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				17	mg/kg		13.821	mg/kg	0.00138 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	35.138	mg/kg	0.00351 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				12	mg/kg	2.976	29.037	mg/kg	0.0029 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	17	mg/kg	1.56	21.558	mg/kg	0.00138 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	1.405	<0.281	mg/kg	<0.0000281 %		<LOD
	034-002-00-8											
10	zinc { zinc chromate }				27	mg/kg	2.774	60.896	mg/kg	0.00609 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9									
16	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0183 %		

Key

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

Classification of sample: TP11

 **Hazardous Waste**
 Classified as **17 05 03 ***
 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 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
21%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.124%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.124%)

Determinands

Moisture content: 21% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				40	mg/kg	1.32	43.647	mg/kg	0.00436 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	1.4	mg/kg	1.285	1.487	mg/kg	0.000116 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				16	mg/kg		13.223	mg/kg	0.00132 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				140	mg/kg	3.929	454.601	mg/kg	0.0455 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.51	mg/kg	1.353	0.57	mg/kg	0.000057 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				22	mg/kg	2.976	54.114	mg/kg	0.00541 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	190	mg/kg	1.56	244.93	mg/kg	0.0157 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.41	mg/kg	1.405	0.476	mg/kg	0.0000476 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				270	mg/kg	2.774	619.024	mg/kg	0.0619 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				1500	mg/kg		1239.669	mg/kg	0.124 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				2.5	mg/kg		2.066	mg/kg	0.000207 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9									
16	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7									
17	phenanthrene				4.1	mg/kg		3.388	mg/kg	0.000339 %	✓	
		201-581-5	85-01-8									
18	anthracene				1	mg/kg		0.826	mg/kg	0.0000826 %	✓	
		204-371-1	120-12-7									
19	fluoranthene				6.5	mg/kg		5.372	mg/kg	0.000537 %	✓	
		205-912-4	206-44-0									
20	pyrene				6.1	mg/kg		5.041	mg/kg	0.000504 %	✓	
		204-927-3	129-00-0									
21	benzo[a]anthracene				2.3	mg/kg		1.901	mg/kg	0.00019 %	✓	
	601-033-00-9	200-280-6	56-55-3									
22	chrysene				3	mg/kg		2.479	mg/kg	0.000248 %	✓	
	601-048-00-0	205-923-4	218-01-9									
23	benzo[k]fluoranthene				1.1	mg/kg		0.909	mg/kg	0.0000909 %	✓	
	601-036-00-5	205-916-6	207-08-9									
24	dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				1.1	mg/kg		0.909	mg/kg	0.0000909 %	✓	
		205-883-8	191-24-2									
26	indeno[123-cd]pyrene				1.4	mg/kg		1.157	mg/kg	0.000116 %	✓	
		205-893-2	193-39-5									
Total:										0.261 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.124%)

Classification of sample: TP12


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

Sample details

Sample name:	LoW Code:
TP12	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	
Moisture content:	
15%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.4 pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				33 mg/kg	1.32	37.888	mg/kg	0.00379 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium sulfide }			1	1 mg/kg	1.285	1.118	mg/kg	0.000087 %	✓	
	048-010-00-4	215-147-8	1306-23-6								
4	chromium(III) oxide (worst case)				14 mg/kg		12.174	mg/kg	0.00122 %	✓	
		215-160-9	1308-38-9								
5	copper { copper sulphate pentahydrate }				75 mg/kg	3.929	256.243	mg/kg	0.0256 %	✓	
	029-023-00-4	231-847-6	7758-99-8								
6	mercury { mercury dichloride }				0.43 mg/kg	1.353	0.506	mg/kg	0.0000506 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel chromate }				18 mg/kg	2.976	46.585	mg/kg	0.00466 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
8	lead { lead chromate }			1	180 mg/kg	1.56	244.145	mg/kg	0.0157 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
9	selenium { selenium compounds with the exception of cadmium sulfoxeselenide and those specified elsewhere in this Annex }				0.37 mg/kg	1.405	0.452	mg/kg	0.0000452 %	✓	
	034-002-00-8										
10	zinc { zinc chromate }				210 mg/kg	2.774	506.583	mg/kg	0.0507 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				600 mg/kg		521.739	mg/kg	0.0522 %	✓	
			TPH								
12	benzo[a]pyrene; benzo[def]chrysene				9.8 mg/kg		8.522	mg/kg	0.000852 %	✓	
	601-032-00-3	200-028-5	50-32-8								
13	naphthalene				1.5 mg/kg		1.304	mg/kg	0.00013 %	✓	
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.5 mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8								
15	acenaphthene				2 mg/kg		1.739	mg/kg	0.000174 %	✓	
		201-469-6	83-32-9								
16	fluorene				1.3 mg/kg		1.13	mg/kg	0.000113 %	✓	
		201-695-5	86-73-7								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		41 mg/kg		35.652 mg/kg	0.00357 %	✓	
18	anthracene	204-371-1	120-12-7		3.4 mg/kg		2.957 mg/kg	0.000296 %	✓	
19	fluoranthene	205-912-4	206-44-0		26 mg/kg		22.609 mg/kg	0.00226 %	✓	
20	pyrene	204-927-3	129-00-0		24 mg/kg		20.87 mg/kg	0.00209 %	✓	
21	benzo[a]anthracene	200-280-6	56-55-3		11 mg/kg		9.565 mg/kg	0.000957 %	✓	
22	chrysene	205-923-4	218-01-9		12 mg/kg		10.435 mg/kg	0.00104 %	✓	
23	benzo[k]fluoranthene	205-916-6	207-08-9		4.2 mg/kg		3.652 mg/kg	0.000365 %	✓	
24	dibenz[a,h]anthracene	200-181-8	53-70-3		1.3 mg/kg		1.13 mg/kg	0.000113 %	✓	
25	benzo[ghi]perylene	205-883-8	191-24-2		5.5 mg/kg		4.783 mg/kg	0.000478 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		4.8 mg/kg		4.174 mg/kg	0.000417 %	✓	
Total:								0.167 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0522%)

Classification of sample: TP13

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

Sample details

Sample name:	LoW Code:
TP13	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
21%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.314%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.314%)

Determinands

Moisture content: 21% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				14	mg/kg	1.32	15.276	mg/kg	0.00153 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.22	mg/kg	1.285	0.234	mg/kg	0.0000182 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				16	mg/kg		13.223	mg/kg	0.00132 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				28	mg/kg	3.929	90.92	mg/kg	0.00909 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.18	mg/kg	1.353	0.201	mg/kg	0.0000201 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				20	mg/kg	2.976	49.194	mg/kg	0.00492 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	85	mg/kg	1.56	109.574	mg/kg	0.00702 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.27 mg/kg	1.405	0.314 mg/kg	0.0000314 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				58 mg/kg	2.774	132.976 mg/kg	0.0133 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				3800 mg/kg		3140.496 mg/kg	0.314 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				20 mg/kg		16.529 mg/kg	0.00165 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				6.4 mg/kg		5.289 mg/kg	0.000529 %	✓	
		201-469-6	83-32-9							
16	fluorene				4.7 mg/kg		3.884 mg/kg	0.000388 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				44 mg/kg		36.364 mg/kg	0.00364 %	✓	
		201-581-5	85-01-8							
18	anthracene				10 mg/kg		8.264 mg/kg	0.000826 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				61 mg/kg		50.413 mg/kg	0.00504 %	✓	
		205-912-4	206-44-0							
20	pyrene				56 mg/kg		46.281 mg/kg	0.00463 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				21 mg/kg		17.355 mg/kg	0.00174 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				25 mg/kg		20.661 mg/kg	0.00207 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				9.1 mg/kg		7.521 mg/kg	0.000752 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				1.9 mg/kg		1.57 mg/kg	0.000157 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				9.3 mg/kg		7.686 mg/kg	0.000769 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				8.8 mg/kg		7.273 mg/kg	0.000727 %	✓	
		205-893-2	193-39-5							
Total:								0.374 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.314%)

Classification of sample: TP13[2]


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

Sample details

Sample name:	LoW Code:
TP13[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)
0.8 m	
Moisture content:	
28%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 28% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				90	mg/kg	1.32	92.835	mg/kg	0.00928 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	3.1	mg/kg	1.285	3.113	mg/kg	0.000242 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				60	mg/kg		46.875	mg/kg	0.00469 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				23	mg/kg	3.929	70.6	mg/kg	0.00706 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				3.8	mg/kg	1.353	4.018	mg/kg	0.000402 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				29	mg/kg	2.976	67.431	mg/kg	0.00674 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	67	mg/kg	1.56	81.647	mg/kg	0.00523 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	1.405	<0.281	mg/kg	<0.0000281 %		<LOD
	034-002-00-8											
10	zinc { zinc chromate }				61	mg/kg	2.774	132.205	mg/kg	0.0132 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9									
16	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0487 %		

Key

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

Classification of sample: TP14

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

Sample details

Sample name:	LoW Code:
TP14	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
16%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.31%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.31%)

Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	136.585	mg/kg	0.0137 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.51	mg/kg	1.285	0.565	mg/kg	0.000044 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				20	mg/kg		17.241	mg/kg	0.00172 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				120	mg/kg	3.929	406.454	mg/kg	0.0406 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.62	mg/kg	1.353	0.723	mg/kg	0.0000723 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				27	mg/kg	2.976	69.275	mg/kg	0.00693 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	330	mg/kg	1.56	443.741	mg/kg	0.0284 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.61	mg/kg	1.405	0.739	mg/kg	0.0000739 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				190	mg/kg	2.774	454.386	mg/kg	0.0454 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				3600	mg/kg		3103.448	mg/kg	0.31 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				30	mg/kg		25.862	mg/kg	0.00259 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				4.8	mg/kg		4.138	mg/kg	0.000414 %	✓	
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				0.69	mg/kg		0.595	mg/kg	0.0000595 %	✓	
		205-917-1	208-96-8									
15	acenaphthene				10	mg/kg		8.621	mg/kg	0.000862 %	✓	
		201-469-6	83-32-9									
16	fluorene				7.9	mg/kg		6.81	mg/kg	0.000681 %	✓	
		201-695-5	86-73-7									
17	phenanthrene				63	mg/kg		54.31	mg/kg	0.00543 %	✓	
		201-581-5	85-01-8									
18	anthracene				16	mg/kg		13.793	mg/kg	0.00138 %	✓	
		204-371-1	120-12-7									
19	fluoranthene				80	mg/kg		68.966	mg/kg	0.0069 %	✓	
		205-912-4	206-44-0									
20	pyrene				74	mg/kg		63.793	mg/kg	0.00638 %	✓	
		204-927-3	129-00-0									
21	benzo[a]anthracene				29	mg/kg		25	mg/kg	0.0025 %	✓	
	601-033-00-9	200-280-6	56-55-3									
22	chrysene				35	mg/kg		30.172	mg/kg	0.00302 %	✓	
	601-048-00-0	205-923-4	218-01-9									
23	benzo[k]fluoranthene				14	mg/kg		12.069	mg/kg	0.00121 %	✓	
	601-036-00-5	205-916-6	207-08-9									
24	dibenz[a,h]anthracene				4.4	mg/kg		3.793	mg/kg	0.000379 %	✓	
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				16	mg/kg		13.793	mg/kg	0.00138 %	✓	
		205-883-8	191-24-2									
26	indeno[123-cd]pyrene				15	mg/kg		12.931	mg/kg	0.00129 %	✓	
		205-893-2	193-39-5									
Total:										0.482 %		

Key

	User supplied data
	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

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 Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.31%)

Classification of sample: TP14[2]

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

Sample details

Sample name:	LoW Code:	
TP14[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
1.0 m		
Moisture content:		
23%		
(dry weight correction)		

Hazard properties

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 hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 1.626%)

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

Hazard Statements hit:

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

Because of determinand:

arsenic trioxide: (compound conc.: 0.101%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 1.626%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 1.626%)

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 determinands:

arsenic trioxide: (compound conc.: 0.101%)

naphthalene: (conc.: 0.244%)

Aquatic Chronic 2; H411 "Toxic to aquatic life with long lasting effects."

Because of determinand:

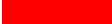
TPH (C6 to C40) petroleum group: (conc.: 1.626%)

Determinands

Moisture content: 23% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	940	mg/kg	1.32	1009.029	mg/kg	0.101 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	0.29	mg/kg	1.285	0.303	mg/kg	0.0000236 %	✓	
4	chromium(III) oxide (worst case)	215-160-9	1308-38-9		13	mg/kg		10.569	mg/kg	0.00106 %	✓	
5	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	160	mg/kg	3.929	511.096	mg/kg	0.0511 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	8.5	mg/kg	1.353	9.353	mg/kg	0.000935 %	✓	
7	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	25	mg/kg	2.976	60.493	mg/kg	0.00605 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	650	mg/kg	1.56	824.293	mg/kg	0.0528 %	✓	
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			1.7	mg/kg	1.405	1.942	mg/kg	0.000194 %	✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	140	mg/kg	2.774	315.757	mg/kg	0.0316 %	✓	
11	TPH (C6 to C40) petroleum group		TPH		20000	mg/kg		16260.163	mg/kg	1.626 %	✓	
12	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	16	mg/kg		13.008	mg/kg	0.0013 %	✓	
13	naphthalene	601-052-00-2	202-049-5	91-20-3	3000	mg/kg		2439.024	mg/kg	0.244 %	✓	
14	acenaphthylene	205-917-1	208-96-8		1.6	mg/kg		1.301	mg/kg	0.00013 %	✓	
15	acenaphthene	201-469-6	83-32-9		95	mg/kg		77.236	mg/kg	0.00772 %	✓	
16	fluorene	201-695-5	86-73-7		87	mg/kg		70.732	mg/kg	0.00707 %	✓	
17	phenanthrene	201-581-5	85-01-8		320	mg/kg		260.163	mg/kg	0.026 %	✓	
18	anthracene	204-371-1	120-12-7		44	mg/kg		35.772	mg/kg	0.00358 %	✓	
19	fluoranthene	205-912-4	206-44-0		100	mg/kg		81.301	mg/kg	0.00813 %	✓	
20	pyrene	204-927-3	129-00-0		78	mg/kg		63.415	mg/kg	0.00634 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	16	mg/kg		13.008	mg/kg	0.0013 %	✓	
22	chrysene	601-048-00-0	205-923-4	218-01-9	20	mg/kg		16.26	mg/kg	0.00163 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	5.8	mg/kg		4.715	mg/kg	0.000472 %	✓	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	1.8	mg/kg		1.463	mg/kg	0.000146 %	✓	
25	benzo[ghi]perylene	205-883-8	191-24-2		7.5	mg/kg		6.098	mg/kg	0.00061 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		6.3	mg/kg		5.122	mg/kg	0.000512 %	✓	
Total:										2.18 %		

Key

	User supplied data
	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
CLP: Note 1 Only the metal concentration has been used for classification	

Classification of sample: TP15

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

Sample details

Sample name:	LoW Code:
TP15	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
17%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.154%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.154%)

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				83	mg/kg	1.32	93.664	mg/kg	0.00937 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.74	mg/kg	1.285	0.813	mg/kg	0.0000632 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				16	mg/kg		13.675	mg/kg	0.00137 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				93	mg/kg	3.929	312.309	mg/kg	0.0312 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.5	mg/kg	1.353	0.578	mg/kg	0.0000578 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				24	mg/kg	2.976	61.052	mg/kg	0.00611 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	400	mg/kg	1.56	533.27	mg/kg	0.0342 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.36 mg/kg	1.405	0.432 mg/kg	0.0000432 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				210 mg/kg	2.774	497.924 mg/kg	0.0498 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				1800 mg/kg		1538.462 mg/kg	0.154 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				23 mg/kg		19.658 mg/kg	0.00197 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				3.6 mg/kg		3.077 mg/kg	0.000308 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				4.4 mg/kg		3.761 mg/kg	0.000376 %	✓	
		201-469-6	83-32-9							
16	fluorene				3.5 mg/kg		2.991 mg/kg	0.000299 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				35 mg/kg		29.915 mg/kg	0.00299 %	✓	
		201-581-5	85-01-8							
18	anthracene				8.1 mg/kg		6.923 mg/kg	0.000692 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				51 mg/kg		43.59 mg/kg	0.00436 %	✓	
		205-912-4	206-44-0							
20	pyrene				50 mg/kg		42.735 mg/kg	0.00427 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				19 mg/kg		16.239 mg/kg	0.00162 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				25 mg/kg		21.368 mg/kg	0.00214 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				8.6 mg/kg		7.35 mg/kg	0.000735 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				2.7 mg/kg		2.308 mg/kg	0.000231 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				12 mg/kg		10.256 mg/kg	0.00103 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				10 mg/kg		8.547 mg/kg	0.000855 %	✓	
		205-893-2	193-39-5							
Total:								0.308 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.154%)

Classification of sample: TP16

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

Sample details

Sample name:	LoW Code:	
TP16	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
17%		
(dry weight correction)		

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.248%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.248%)

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				77	mg/kg	1.32	86.893	mg/kg	0.00869 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.86	mg/kg	1.285	0.945	mg/kg	0.0000735 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				32	mg/kg		27.35	mg/kg	0.00274 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				210	mg/kg	3.929	705.215	mg/kg	0.0705 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.76	mg/kg	1.353	0.879	mg/kg	0.0000879 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				42	mg/kg	2.976	106.84	mg/kg	0.0107 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	650	mg/kg	1.56	866.564	mg/kg	0.0556 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.73 mg/kg	1.405	0.877 mg/kg	0.0000877 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				270 mg/kg	2.774	640.188 mg/kg	0.064 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				2900 mg/kg		2478.632 mg/kg	0.248 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				25 mg/kg		21.368 mg/kg	0.00214 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				3.1 mg/kg		2.65 mg/kg	0.000265 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				0.7 mg/kg		0.598 mg/kg	0.0000598 %	✓	
		205-917-1	208-96-8							
15	acenaphthene				5.2 mg/kg		4.444 mg/kg	0.000444 %	✓	
		201-469-6	83-32-9							
16	fluorene				3.9 mg/kg		3.333 mg/kg	0.000333 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				41 mg/kg		35.043 mg/kg	0.0035 %	✓	
		201-581-5	85-01-8							
18	anthracene				10 mg/kg		8.547 mg/kg	0.000855 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				59 mg/kg		50.427 mg/kg	0.00504 %	✓	
		205-912-4	206-44-0							
20	pyrene				56 mg/kg		47.863 mg/kg	0.00479 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				22 mg/kg		18.803 mg/kg	0.00188 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				28 mg/kg		23.932 mg/kg	0.00239 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				11 mg/kg		9.402 mg/kg	0.00094 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				3.4 mg/kg		2.906 mg/kg	0.000291 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				14 mg/kg		11.966 mg/kg	0.0012 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				13 mg/kg		11.111 mg/kg	0.00111 %	✓	
		205-893-2	193-39-5							
Total:								0.486 %		

Key

	User supplied data
	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

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 Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.248%)

Classification of sample: TP17

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

Sample details

Sample name:	LoW Code:
TP17	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
16%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.233%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.233%)

Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				61	mg/kg	1.32	69.431	mg/kg	0.00694 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	1	mg/kg	1.285	1.108	mg/kg	0.0000862 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				23	mg/kg		19.828	mg/kg	0.00198 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				140	mg/kg	3.929	474.196	mg/kg	0.0474 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.8	mg/kg	1.353	0.933	mg/kg	0.0000933 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				35	mg/kg	2.976	89.801	mg/kg	0.00898 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	430	mg/kg	1.56	578.207	mg/kg	0.0371 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.57 mg/kg	1.405	0.69 mg/kg	0.000069 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				370 mg/kg	2.774	884.857 mg/kg	0.0885 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				2700 mg/kg		2327.586 mg/kg	0.233 %	✓	
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				30 mg/kg		25.862 mg/kg	0.00259 %	✓	
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				3.6 mg/kg		3.103 mg/kg	0.00031 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				1.1 mg/kg		0.948 mg/kg	0.0000948 %	✓	
		205-917-1	208-96-8							
15	acenaphthene				7.2 mg/kg		6.207 mg/kg	0.000621 %	✓	
		201-469-6	83-32-9							
16	fluorene				5.1 mg/kg		4.397 mg/kg	0.00044 %	✓	
		201-695-5	86-73-7							
17	phenanthrene				49 mg/kg		42.241 mg/kg	0.00422 %	✓	
		201-581-5	85-01-8							
18	anthracene				12 mg/kg		10.345 mg/kg	0.00103 %	✓	
		204-371-1	120-12-7							
19	fluoranthene				71 mg/kg		61.207 mg/kg	0.00612 %	✓	
		205-912-4	206-44-0							
20	pyrene				68 mg/kg		58.621 mg/kg	0.00586 %	✓	
		204-927-3	129-00-0							
21	benzo[a]anthracene				27 mg/kg		23.276 mg/kg	0.00233 %	✓	
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				34 mg/kg		29.31 mg/kg	0.00293 %	✓	
	601-048-00-0	205-923-4	218-01-9							
23	benzo[k]fluoranthene				13 mg/kg		11.207 mg/kg	0.00112 %	✓	
	601-036-00-5	205-916-6	207-08-9							
24	dibenz[a,h]anthracene				4.2 mg/kg		3.621 mg/kg	0.000362 %	✓	
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				16 mg/kg		13.793 mg/kg	0.00138 %	✓	
		205-883-8	191-24-2							
26	indeno[123-cd]pyrene				15 mg/kg		12.931 mg/kg	0.00129 %	✓	
		205-893-2	193-39-5							
Total:								0.455 %		

Key

	User supplied data
	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

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 Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.233%)

Classification of sample: TP18

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

Sample details

Sample name:	LoW Code:
TP18	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
18%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				93	mg/kg	1.32	104.06	mg/kg	0.0104 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.67	mg/kg	1.285	0.73	mg/kg	0.0000568 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				22	mg/kg		18.644	mg/kg	0.00186 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				160	mg/kg	3.929	532.753	mg/kg	0.0533 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.86	mg/kg	1.353	0.986	mg/kg	0.0000986 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				37	mg/kg	2.976	93.324	mg/kg	0.00933 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	410	mg/kg	1.56	541.97	mg/kg	0.0347 %	✓	
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.79 mg/kg	1.405	0.941 mg/kg	0.0000941 %		✓	
	034-002-00-8										
10	zinc { zinc chromate }				260 mg/kg	2.774	611.253 mg/kg	0.0611 %		✓	
	024-007-00-3	236-878-9	13530-65-9								
11	TPH (C6 to C40) petroleum group				1400 mg/kg		1186.441 mg/kg	0.119 %		✓	
			TPH								
12	benzo[a]pyrene; benzo[def]chrysene				29 mg/kg		24.576 mg/kg	0.00246 %		✓	
	601-032-00-3	200-028-5	50-32-8								
13	naphthalene				7.3 mg/kg		6.186 mg/kg	0.000619 %		✓	
	601-052-00-2	202-049-5	91-20-3								
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-917-1	208-96-8								
15	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		201-469-6	83-32-9								
16	fluorene				13 mg/kg		11.017 mg/kg	0.0011 %		✓	
		201-695-5	86-73-7								
17	phenanthrene				93 mg/kg		78.814 mg/kg	0.00788 %		✓	
		201-581-5	85-01-8								
18	anthracene				25 mg/kg		21.186 mg/kg	0.00212 %		✓	
		204-371-1	120-12-7								
19	fluoranthene				93 mg/kg		78.814 mg/kg	0.00788 %		✓	
		205-912-4	206-44-0								
20	pyrene				80 mg/kg		67.797 mg/kg	0.00678 %		✓	
		204-927-3	129-00-0								
21	benzo[a]anthracene				30 mg/kg		25.424 mg/kg	0.00254 %		✓	
	601-033-00-9	200-280-6	56-55-3								
22	chrysene				35 mg/kg		29.661 mg/kg	0.00297 %		✓	
	601-048-00-0	205-923-4	218-01-9								
23	benzo[k]fluoranthene				13 mg/kg		11.017 mg/kg	0.0011 %		✓	
	601-036-00-5	205-916-6	207-08-9								
24	dibenz[a,h]anthracene				3.4 mg/kg		2.881 mg/kg	0.000288 %		✓	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				5.3 mg/kg		4.492 mg/kg	0.000449 %		✓	
		205-883-8	191-24-2								
26	indeno[123-cd]pyrene				13 mg/kg		11.017 mg/kg	0.0011 %		✓	
		205-893-2	193-39-5								
Total:									0.327 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

Classification of sample: TP18[2]


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

Sample details

Sample name:	LoW Code:
TP18[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m	
Moisture content:	
22%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8 pH		8 pH	8pH		
2	arsenic { arsenic trioxide }				8.7 mg/kg	1.32	9.415 mg/kg	0.000942 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium sulfide }			1	<0.1 mg/kg	1.285	<0.129 mg/kg	<0.00001 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
4	chromium(III) oxide (worst case)				26 mg/kg		21.311 mg/kg	0.00213 %	✓	
		215-160-9	1308-38-9							
5	copper { copper sulphate pentahydrate }				26 mg/kg	3.929	83.734 mg/kg	0.00837 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
6	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel chromate }				30 mg/kg	2.976	73.187 mg/kg	0.00732 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
8	lead { lead chromate }			1	30 mg/kg	1.56	38.356 mg/kg	0.00246 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	1.405	<0.281 mg/kg	<0.0000281 %		<LOD
	034-002-00-8									
10	zinc { zinc chromate }				50 mg/kg	2.774	113.695 mg/kg	0.0114 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	200-280-6	56-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	205-923-4	218-01-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	205-916-6	207-08-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0344 %		

Key

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

Classification of sample: TP19

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

Sample details

Sample name:	LoW Code:
TP19	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
16%	
(dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

lead chromate: (Note 1 conc.: 0.155%)

Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }				87	mg/kg	1.32	99.024	mg/kg	0.0099 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	0.26	mg/kg	1.285	0.288	mg/kg	0.0000224 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				72	mg/kg		62.069	mg/kg	0.00621 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				210	mg/kg	3.929	711.294	mg/kg	0.0711 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				1.9	mg/kg	1.353	2.217	mg/kg	0.000222 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				82	mg/kg	2.976	210.391	mg/kg	0.021 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	1800	mg/kg	1.56	2420.403	mg/kg	0.155 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.56	mg/kg	1.405	0.678	mg/kg	0.0000678 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				350	mg/kg	2.774	837.027	mg/kg	0.0837 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				940	mg/kg		810.345	mg/kg	0.081 %	✓	
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				8.9	mg/kg		7.672	mg/kg	0.000767 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				1.1	mg/kg		0.948	mg/kg	0.0000948 %	✓	
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	• acenaphthylene	205-917-1	208-96-8		0.78 mg/kg		0.672 mg/kg	0.0000672 %	✓	
15	• acenaphthene	201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
16	• fluorene	201-695-5	86-73-7		2.4 mg/kg		2.069 mg/kg	0.000207 %	✓	
17	• phenanthrene	201-581-5	85-01-8		16 mg/kg		13.793 mg/kg	0.00138 %	✓	
18	• anthracene	204-371-1	120-12-7		5.2 mg/kg		4.483 mg/kg	0.000448 %	✓	
19	• fluoranthene	205-912-4	206-44-0		23 mg/kg		19.828 mg/kg	0.00198 %	✓	
20	• pyrene	204-927-3	129-00-0		21 mg/kg		18.103 mg/kg	0.00181 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		8.4 mg/kg		7.241 mg/kg	0.000724 %	✓	
22	chrysene	601-048-00-0	205-923-4		11 mg/kg		9.483 mg/kg	0.000948 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		4.2 mg/kg		3.621 mg/kg	0.000362 %	✓	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		1.1 mg/kg		0.948 mg/kg	0.0000948 %	✓	
25	• benzo[ghi]perylene	205-883-8	191-24-2		4.6 mg/kg		3.966 mg/kg	0.000397 %	✓	
26	• indeno[123-cd]pyrene	205-893-2	193-39-5		4.4 mg/kg		3.793 mg/kg	0.000379 %	✓	
Total:								0.438 %		

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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not a liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.081%)

Classification of sample: WS4


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

Sample details

Sample name:	LoW Code:
WS4	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)
3.8 m	
Moisture content:	
17%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8.6 pH		8.6 pH	8.6 pH		
2	arsenic { arsenic trioxide }				24 mg/kg	1.32	27.084 mg/kg	0.00271 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium sulfide }			1	0.13 mg/kg	1.285	0.143 mg/kg	0.0000111 %	✓	
	048-010-00-4	215-147-8	1306-23-6							
4	chromium(III) oxide (worst case)				25 mg/kg		21.368 mg/kg	0.00214 %	✓	
		215-160-9	1308-38-9							
5	copper { copper sulphate pentahydrate }				27 mg/kg	3.929	90.67 mg/kg	0.00907 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
6	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.127 mg/kg	0.0000127 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel chromate }				36 mg/kg	2.976	91.577 mg/kg	0.00916 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
8	lead { lead chromate }			1	52 mg/kg	1.56	69.325 mg/kg	0.00444 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
9	selenium { selenium compounds with the exception of cadmium sulfoxeselenide and those specified elsewhere in this Annex }				0.24 mg/kg	1.405	0.288 mg/kg	0.0000288 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				59 mg/kg	2.774	139.893 mg/kg	0.014 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
12	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
13	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21	benzo[a]anthracene	200-280-6	56-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22	chrysene	205-923-4	218-01-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23	benzo[k]fluoranthene	205-916-6	207-08-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
24	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0433 %		

Key

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

Classification of sample: WS6


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

Sample details

Sample name:	LoW Code:
WS6	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)
0.6 m	
Moisture content:	
17%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				250	mg/kg	1.32	282.121	mg/kg	0.0282 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium sulfide }			1	1	mg/kg	1.285	1.099	mg/kg	0.0000855 %	✓	
	048-010-00-4	215-147-8	1306-23-6									
4	chromium(III) oxide (worst case)				15	mg/kg		12.821	mg/kg	0.00128 %	✓	
		215-160-9	1308-38-9									
5	copper { copper sulphate pentahydrate }				130	mg/kg	3.929	436.561	mg/kg	0.0437 %	✓	
	029-023-00-4	231-847-6	7758-99-8									
6	mercury { mercury dichloride }				0.64	mg/kg	1.353	0.74	mg/kg	0.000074 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel chromate }				27	mg/kg	2.976	68.683	mg/kg	0.00687 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
8	lead { lead chromate }			1	330	mg/kg	1.56	439.948	mg/kg	0.0282 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
9	selenium { selenium compounds with the exception of cadmium sulfoxeselenide and those specified elsewhere in this Annex }				0.71	mg/kg	1.405	0.853	mg/kg	0.0000853 %	✓	
	034-002-00-8											
10	zinc { zinc chromate }				400	mg/kg	2.774	948.426	mg/kg	0.0948 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
11	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
12	benzo[a]pyrene; benzo[def]chrysene				1.8	mg/kg		1.538	mg/kg	0.000154 %	✓	
	601-032-00-3	200-028-5	50-32-8									
13	naphthalene				0.62	mg/kg		0.53	mg/kg	0.000053 %	✓	
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				2.3	mg/kg		1.966	mg/kg	0.000197 %	✓	
		201-469-6	83-32-9									
16	fluorene				2	mg/kg		1.709	mg/kg	0.000171 %	✓	
		201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		18 mg/kg		15.385 mg/kg	0.00154 %	✓	
18	anthracene	204-371-1	120-12-7		3.3 mg/kg		2.821 mg/kg	0.000282 %	✓	
19	fluoranthene	205-912-4	206-44-0		9 mg/kg		7.692 mg/kg	0.000769 %	✓	
20	pyrene	204-927-3	129-00-0		9.1 mg/kg		7.778 mg/kg	0.000778 %	✓	
21	benzo[a]anthracene	200-280-6	56-55-3		2.8 mg/kg		2.393 mg/kg	0.000239 %	✓	
22	chrysene	205-923-4	218-01-9		2.8 mg/kg		2.393 mg/kg	0.000239 %	✓	
23	benzo[k]fluoranthene	205-916-6	207-08-9		0.67 mg/kg		0.573 mg/kg	0.0000573 %	✓	
24	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 21 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

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

Data source date: 21 Aug 2015

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

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

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

▪ **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

(enter justification for selecting this species)

cadmium {cadmium sulfide}

(enter justification for selecting this species)

copper {copper sulphate pentahydrate}

(enter justification for selecting this species)

mercury {mercury dichloride}

(enter justification for selecting this species)

nickel {nickel chromate}

(enter justification for selecting this species)

lead {lead chromate}

(enter justification for selecting this species)

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

(enter justification for selecting this species)

zinc {zinc chromate}

(enter justification for selecting this species)

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2017.202.300.300 (23 Mar 2022)

HazWasteOnline Database: 2022.81.5064.9565 (22 Mar 2022)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GB MCL List - version 1.1 of 09 June 2021