

Classification of sample: CT3[3]

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

Sample details

Sample name:	LoW Code:	
CT3[3]	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)
1.15 m		
Moisture content:		
25%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 25% 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		7.8	pH		7.8	pH	7.8 pH		
2	 arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10	mg/kg	1.32	10.563	mg/kg	0.00106 %	✓	
3	 cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	0.5	mg/kg	1.855	0.742	mg/kg	0.0000742 %	✓	
4	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	12	mg/kg	1.462	14.031	mg/kg	0.0014 %	✓	
5	 copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	8.3	mg/kg	3.929	26.089	mg/kg	0.00261 %	✓	
6	 mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	2.5	mg/kg	1.353	2.707	mg/kg	0.000271 %	✓	
7	 nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	8.5	mg/kg	2.976	20.239	mg/kg	0.00202 %	✓	
8	 lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	12	mg/kg	1.56	14.974	mg/kg	0.00096 %	✓	
9	 selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			8	mg/kg	1.405	8.992	mg/kg	0.000899 %	✓	
10	 zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	26	mg/kg	2.774	57.702	mg/kg	0.00577 %	✓	
11	 chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
12	 TPH (C6 to C40) petroleum group		TPH		10	mg/kg		8	mg/kg	0.0008 %	✓	
13	 naphthalene	601-052-00-2	202-049-5	91-20-3	0.02	mg/kg		0.016	mg/kg	0.0000016 %	✓	
14	 acenaphthylene		205-917-1	208-96-8	0.02	mg/kg		0.016	mg/kg	0.0000016 %	✓	
15	 acenaphthene		201-469-6	83-32-9	0.02	mg/kg		0.016	mg/kg	0.0000016 %	✓	

#	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							
16	fluorene	201-695-5	86-73-7		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
17	phenanthrene	201-581-5	85-01-8		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
18	anthracene	204-371-1	120-12-7		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
19	fluoranthene	205-912-4	206-44-0		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
20	pyrene	204-927-3	129-00-0		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
22	chrysene	601-048-00-0	205-923-4		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
28	benzo[ghi]perylene	205-883-8	191-24-2		0.02 mg/kg		0.016 mg/kg	0.0000016 %	✓	
29	PAHs (total)				0.32 mg/kg		0.256 mg/kg	0.0000256 %	✓	
30	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0159 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

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



Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0008%)

Classification of sample: CT6

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

Sample details

Sample name:	LoW Code:	
CT6	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)
0.30 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	arsenic { arsenic trioxide }				10 mg/kg	1.32	11.285 mg/kg	0.00113 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium sulfate }				0.4 mg/kg	1.855	0.634 mg/kg	0.0000634 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.1 mg/kg	1.462	10.118 mg/kg	0.00101 %	✓	
		215-160-9	1308-38-9							
4	copper { copper sulphate pentahydrate }				5.3 mg/kg	3.929	17.798 mg/kg	0.00178 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
5	mercury { mercury dichloride }				2.5 mg/kg	1.353	2.892 mg/kg	0.000289 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
6	nickel { nickel chromate }				6 mg/kg	2.976	15.263 mg/kg	0.00153 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
7	lead { lead chromate }			1	12 mg/kg	1.56	15.998 mg/kg	0.00103 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				8 mg/kg	1.405	9.607 mg/kg	0.000961 %	✓	
	034-002-00-8									
9	zinc { zinc chromate }				23 mg/kg	2.774	54.535 mg/kg	0.00545 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
11	TPH (C6 to C40) petroleum group				10 mg/kg		8.547 mg/kg	0.000855 %	✓	
			TPH							
12	naphthalene				0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
		205-917-1	208-96-8							
14	acenaphthene				0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
		201-469-6	83-32-9							
15	fluorene				0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
		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							
16	phenanthrene	201-581-5	85-01-8		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
17	anthracene	204-371-1	120-12-7		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
18	fluoranthene	205-912-4	206-44-0		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
19	pyrene	204-927-3	129-00-0		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
27	benzo[ghi]perylene	205-883-8	191-24-2		0.02 mg/kg		0.0171 mg/kg	0.00000171 %	✓	
28	PAHs (total)				0.32 mg/kg		0.274 mg/kg	0.0000274 %	✓	
29	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
30	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0141 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00085%)

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)
0.20 m		
Moisture content:		
21%		
(dry weight correction)		

Hazard properties

None identified

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		6.9 pH		6.9 pH	6.9 pH		
2	arsenic { arsenic trioxide }				13 mg/kg	1.32	14.185 mg/kg	0.00142 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium sulfate }				0.6 mg/kg	1.855	0.92 mg/kg	0.000092 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.2 mg/kg	1.462	8.697 mg/kg	0.00087 %	✓	
		215-160-9	1308-38-9							
5	copper { copper sulphate pentahydrate }				27 mg/kg	3.929	87.673 mg/kg	0.00877 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
6	mercury { mercury dichloride }				2.5 mg/kg	1.353	2.796 mg/kg	0.00028 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel chromate }				8.6 mg/kg	2.976	21.154 mg/kg	0.00212 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
8	lead { lead chromate }			1	120 mg/kg	1.56	154.692 mg/kg	0.00992 %	✓	
	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 }				8 mg/kg	1.405	9.289 mg/kg	0.000929 %	✓	
	034-002-00-8									
10	zinc { zinc chromate }				77 mg/kg	2.774	176.537 mg/kg	0.0177 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
12	TPH (C6 to C40) petroleum group		TPH		24 mg/kg		19.835 mg/kg	0.00198 %	✓	
13	naphthalene				0.02 mg/kg		0.0165 mg/kg	0.00000165 %	✓	
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				0.02 mg/kg		0.0165 mg/kg	0.00000165 %	✓	
		205-917-1	208-96-8							
15	acenaphthene				0.02 mg/kg		0.0165 mg/kg	0.00000165 %	✓	
		201-469-6	83-32-9							

#	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							
16	fluorene	201-695-5	86-73-7		0.02 mg/kg		0.0165 mg/kg	0.00000165 %	✓	
17	phenanthrene	201-581-5	85-01-8		0.06 mg/kg		0.0496 mg/kg	0.00000496 %	✓	
18	anthracene	204-371-1	120-12-7		0.03 mg/kg		0.0248 mg/kg	0.00000248 %	✓	
19	fluoranthene	205-912-4	206-44-0		0.21 mg/kg		0.174 mg/kg	0.0000174 %	✓	
20	pyrene	204-927-3	129-00-0		0.17 mg/kg		0.14 mg/kg	0.000014 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.1 mg/kg		0.0826 mg/kg	0.00000826 %	✓	
22	chrysene	601-048-00-0	205-923-4		0.11 mg/kg		0.0909 mg/kg	0.00000909 %	✓	
23	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.16 mg/kg		0.132 mg/kg	0.0000132 %	✓	
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.06 mg/kg		0.0496 mg/kg	0.00000496 %	✓	
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.12 mg/kg		0.0992 mg/kg	0.00000992 %	✓	
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.07 mg/kg		0.0579 mg/kg	0.00000579 %	✓	
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.02 mg/kg		0.0165 mg/kg	0.00000165 %	✓	
28	benzo[ghi]perylene	205-883-8	191-24-2		0.09 mg/kg		0.0744 mg/kg	0.00000744 %	✓	
29	PAHs (total)				1.3 mg/kg		1.074 mg/kg	0.000107 %	✓	
30	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0442 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

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



Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00198%)

Classification of sample: TP2

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

Sample details

Sample name:	LoW Code:	
TP2	Chapter:	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)
0.00 m		
Moisture content:		
35%		
(dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 35% 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	 arsenic { arsenic trioxide }				21 mg/kg	1.32	20.538 mg/kg	0.00205 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	 cadmium { cadmium sulfate }				3.6 mg/kg	1.855	4.946 mg/kg	0.000495 %	✓	
	048-009-00-9	233-331-6	10124-36-4							
3	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18 mg/kg	1.462	19.487 mg/kg	0.00195 %	✓	
		215-160-9	1308-38-9							
4	 copper { copper sulphate pentahydrate }				73 mg/kg	3.929	212.46 mg/kg	0.0212 %	✓	
	029-023-00-4	231-847-6	7758-99-8							
5	 mercury { mercury dichloride }				2.5 mg/kg	1.353	2.506 mg/kg	0.000251 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
6	 nickel { nickel chromate }				9.8 mg/kg	2.976	21.605 mg/kg	0.00216 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
7	 lead { lead chromate }			1	77 mg/kg	1.56	88.967 mg/kg	0.0057 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	 selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				8 mg/kg	1.405	8.326 mg/kg	0.000833 %	✓	
	034-002-00-8									
9	 zinc { zinc chromate }				350 mg/kg	2.774	719.223 mg/kg	0.0719 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
10	 chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
11	 TPH (C6 to C40) petroleum group		TPH		27 mg/kg		20 mg/kg	0.002 %	✓	
12	 naphthalene				0.02 mg/kg		0.0148 mg/kg	0.00000148 %	✓	
	601-052-00-2	202-049-5	91-20-3							
13	 acenaphthylene				0.03 mg/kg		0.0222 mg/kg	0.00000222 %	✓	
		205-917-1	208-96-8							
14	 acenaphthene				0.02 mg/kg		0.0148 mg/kg	0.00000148 %	✓	
		201-469-6	83-32-9							
15	 fluorene				0.02 mg/kg		0.0148 mg/kg	0.00000148 %	✓	
		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							
16	phenanthrene	201-581-5	85-01-8		0.05 mg/kg		0.037 mg/kg	0.0000037 %	✓	
17	anthracene	204-371-1	120-12-7		0.04 mg/kg		0.0296 mg/kg	0.00000296 %	✓	
18	fluoranthene	205-912-4	206-44-0		0.28 mg/kg		0.207 mg/kg	0.0000207 %	✓	
19	pyrene	204-927-3	129-00-0		0.26 mg/kg		0.193 mg/kg	0.0000193 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		0.16 mg/kg		0.119 mg/kg	0.0000119 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.18 mg/kg		0.133 mg/kg	0.0000133 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.28 mg/kg		0.207 mg/kg	0.0000207 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.1 mg/kg		0.0741 mg/kg	0.00000741 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.2 mg/kg		0.148 mg/kg	0.0000148 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.12 mg/kg		0.0889 mg/kg	0.00000889 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.03 mg/kg		0.0222 mg/kg	0.00000222 %	✓	
27	benzo[ghi]perylene	205-883-8	191-24-2		0.15 mg/kg		0.111 mg/kg	0.0000111 %	✓	
28	PAHs (total)				2 mg/kg		1.481 mg/kg	0.000148 %	✓	
29	benzene	601-020-00-8	200-753-7		0.09 mg/kg		0.0667 mg/kg	0.00000667 %	✓	
30	toluene	601-021-00-3	203-625-9		0.07 mg/kg		0.0519 mg/kg	0.00000519 %	✓	
31	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.109 %		

Key

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

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 for cumulative determinand results below the threshold of: 500 mg/kg (0.05%)

because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene (conc.: 6.67e-06%)

toluene (conc.: 5.19e-06%)



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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.002%)

Appendix A: Classifier defined and non GB MCL determinands

■ 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

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

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

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

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

▪ **PAHs (total)**

Description/Comments: Worst case scenario combining risk phrases and substance specific thresholds from benzo[a]pyrene (CLP# 601-032-00-3) and benzo[a]anthracene (CLP# 601-033-00-9)
Data source: 2008/1272/EC – Table 3.2 of Annex VI of regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures and 2009/790/EC Annex IV – Annex IV of regulation 2009/790/EC - 1st Adaptation to Technical Progress for European Regulation 1272/2008
Data source date: 16 Dec 2008
Hazard Statements: Skin Sens. 1; H317 , Carc. 1B; H350 , Carc. 1B; H350 >= 0.01 % , Muta. 1B; H340 , Aquatic Acute 1; H400 (M=100) , Aquatic Chronic 1; H410 (M=100) , Repr. 1B; H360FD

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

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

▪ **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

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

cadmium {cadmium sulfate}

Worst Case Species Selected

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

(enter justification for selecting this species)

copper {copper sulphate pentahydrate}

Worst Case Species Selected

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight

lead {lead chromate}

Worst Case Species Selected

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}

Worst Case Species Selected

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

(enter justification for selecting this species)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2025.115.6586.11977 (26 Apr 2025)
HazWasteOnline Database: 2025.115.6586.11977 (26 Apr 2025)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

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

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

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

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

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