Classification of sample: TP05-11/05/2023-1.00m

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

Sample details

Sample name:
TP05-11/05/2023-1.00m
Moisture content:
18.9%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18.9% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				15.3 mg/kg	1.895	24.379 mg/kg	0.00244 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		107 mg/kg	3.929	353.582 mg/kg	0.0354 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	586 mg/kg	1.57	773.725 mg/kg	0.0493 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.6 mg/kg	1.419	0.716 mg/kg	0.0000716 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		28.8 mg/kg	5.324	128.965 mg/kg	0.0129 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		212 mg/kg	4.398	784.155 mg/kg	0.0784 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		120 µg/kg		0.101 mg/kg	0.0000101 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.07 mg/kg		0.0589 mg/kg	0.00000589 %	✓	
12	acenaphthene		201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
13	fluorene		201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<**LOD**
14	phenanthrene		201-581-5	85-01-8		0.63 mg/kg		0.53 mg/kg	0.000053 %	✓	
15	anthracene		204-371-1	120-12-7		0.27 mg/kg		0.227 mg/kg	0.0000227 %	✓	

#		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		fluoranthene				1.39	mg/kg		1.169	mg/kg	0.000117 %	✓	
			205-912-4	206-44-0									
17		pyrene				1.22	mg/kg		1.026	mg/kg	0.000103 %	✓	
			204-927-3	129-00-0									
18		benzo[a]anthracene				0.69	mg/kg		0.58	mg/kg	0.000058 %	✓	
		601-033-00-9	200-280-6	56-55-3									
19		chrysene				0.82	mg/kg		0.69	mg/kg	0.000069 %	✓	
		601-048-00-0	205-923-4	218-01-9									
20		benzo[a]pyrene; benzo[def]chrysene				0.9	mg/kg		0.757	mg/kg	0.0000757 %	✓	
		601-032-00-3	200-028-5	50-32-8									
21		indeno[123-cd]pyrene				0.63	mg/kg		0.53	mg/kg	0.000053 %	✓	
			205-893-2	193-39-5									
22		dibenz[a,h]anthracene				0.11	mg/kg		0.0925	mg/kg	0.00000925 %	✓	
		601-041-00-2	200-181-8	53-70-3									
23		benzo[ghi]perylene				0.73	mg/kg		0.614	mg/kg	0.0000614 %	✓	
			205-883-8	191-24-2									
24		benzo[b]fluoranthene				1.12	mg/kg		0.942	mg/kg	0.0000942 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				0.43	mg/kg		0.362	mg/kg	0.0000362 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		pH				8.56	pH		8.56	pH	8.56 pH		
				PH									
27		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				47	mg/kg	1.462	57.774	mg/kg	0.00578 %	✓	
			215-160-9	1308-38-9									
										Total:	0.185 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00007%)

Classification of sample: TP06-11/05/2023-0.50m

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

Sample details

Sample name:
TP06-11/05/2023-0.50m
Moisture content:
21.4%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				35.1 mg/kg	1.895	54.776 mg/kg	0.00548 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		153 mg/kg	3.929	495.177 mg/kg	0.0495 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	715 mg/kg	1.57	924.609 mg/kg	0.0589 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.4 mg/kg	1.419	0.468 mg/kg	0.0000468 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		27.6 mg/kg	5.324	121.047 mg/kg	0.0121 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		301 mg/kg	4.398	1090.425 mg/kg	0.109 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		100 µg/kg		0.0824 mg/kg	0.00000824 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.0412 mg/kg	0.00000412 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.0824 mg/kg	0.00000824 %	✓	
13	fluorene		201-695-5	86-73-7		0.06 mg/kg		0.0494 mg/kg	0.00000494 %	✓	
14	phenanthrene		201-581-5	85-01-8		0.89 mg/kg		0.733 mg/kg	0.0000733 %	✓	
15	anthracene		204-371-1	120-12-7		0.21 mg/kg		0.173 mg/kg	0.0000173 %	✓	

#		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		fluoranthene				1.35	mg/kg		1.112	mg/kg	0.000111 %	✓	
			205-912-4	206-44-0									
17		pyrene				1.32	mg/kg		1.087	mg/kg	0.000109 %	✓	
			204-927-3	129-00-0									
18		benzo[a]anthracene				0.59	mg/kg		0.486	mg/kg	0.0000486 %	✓	
		601-033-00-9	200-280-6	56-55-3									
19		chrysene				0.68	mg/kg		0.56	mg/kg	0.000056 %	✓	
		601-048-00-0	205-923-4	218-01-9									
20		benzo[a]pyrene; benzo[def]chrysene				0.63	mg/kg		0.519	mg/kg	0.0000519 %	✓	
		601-032-00-3	200-028-5	50-32-8									
21		indeno[123-cd]pyrene				0.36	mg/kg		0.297	mg/kg	0.0000297 %	✓	
			205-893-2	193-39-5									
22		dibenz[a,h]anthracene				0.06	mg/kg		0.0494	mg/kg	0.00000494 %	✓	
		601-041-00-2	200-181-8	53-70-3									
23		benzo[ghi]perylene				0.42	mg/kg		0.346	mg/kg	0.0000346 %	✓	
			205-883-8	191-24-2									
24		benzo[b]fluoranthene				0.74	mg/kg		0.61	mg/kg	0.000061 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				0.29	mg/kg		0.239	mg/kg	0.0000239 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		pH				8.38	pH		8.38	pH	8.38 pH		
				PH									
27		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				36.8	mg/kg	1.462	44.304	mg/kg	0.00443 %	✓	
			215-160-9	1308-38-9									
										Total:	0.241 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00004%)

Classification of sample: TP06-11/05/2023-2.70m

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

Sample details

Sample name:
TP06-11/05/2023-2.70m

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

Hazard properties

None identified

Determinands

Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	pH		PH		7.89 pH		7.89 pH	7.89 pH		
								Total:	0%		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP07-11/05/2023-1.00m

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

Sample details

Sample name:
TP07-11/05/2023-1.00m
Moisture content:
13.1%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 13.1% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				9.6	mg/kg	1.895	16.081	mg/kg	0.00161 %	✓	
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.1	mg/kg	1.855	0.164	mg/kg	0.0000164 %	✓	
3		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		64	mg/kg	3.929	222.334	mg/kg	0.0222 %	✓	
4		lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	117	mg/kg	1.57	162.403	mg/kg	0.0103 %	✓	
5		mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		<0.1	mg/kg	1.419	<0.142	mg/kg	<0.0000142 %		<**LOD**
6		nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		17.3	mg/kg	5.324	81.442	mg/kg	0.00814 %	✓	
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<**LOD**
8		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		129	mg/kg	4.398	501.62	mg/kg	0.0502 %	✓	
9		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<**LOD**
10		naphthalene	601-052-00-2	202-049-5	91-20-3		480	µg/kg		0.424	mg/kg	0.0000424 %	✓	
11		acenaphthylene		205-917-1	208-96-8		0.27	mg/kg		0.239	mg/kg	0.0000239 %	✓	
12		acenaphthene		201-469-6	83-32-9		0.63	mg/kg		0.557	mg/kg	0.0000557 %	✓	
13		fluorene		201-695-5	86-73-7		0.48	mg/kg		0.424	mg/kg	0.0000424 %	✓	
14		phenanthrene		201-581-5	85-01-8		5.15	mg/kg		4.553	mg/kg	0.000455 %	✓	
15		anthracene		204-371-1	120-12-7		1.32	mg/kg		1.167	mg/kg	0.000117 %	✓	

#		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		fluoranthene				8.53	mg/kg		7.542	mg/kg	0.000754 %	✓	
			205-912-4	206-44-0									
17		pyrene				7.62	mg/kg		6.737	mg/kg	0.000674 %	✓	
			204-927-3	129-00-0									
18		benzo[a]anthracene				3.97	mg/kg		3.51	mg/kg	0.000351 %	✓	
		601-033-00-9	200-280-6	56-55-3									
19		chrysene				4.24	mg/kg		3.749	mg/kg	0.000375 %	✓	
		601-048-00-0	205-923-4	218-01-9									
20		benzo[a]pyrene; benzo[def]chrysene				4.4	mg/kg		3.89	mg/kg	0.000389 %	✓	
		601-032-00-3	200-028-5	50-32-8									
21		indeno[123-cd]pyrene				2.71	mg/kg		2.396	mg/kg	0.00024 %	✓	
			205-893-2	193-39-5									
22		dibenz[a,h]anthracene				0.34	mg/kg		0.301	mg/kg	0.0000301 %	✓	
		601-041-00-2	200-181-8	53-70-3									
23		benzo[ghi]perylene				2.75	mg/kg		2.431	mg/kg	0.000243 %	✓	
			205-883-8	191-24-2									
24		benzo[b]fluoranthene				5.02	mg/kg		4.439	mg/kg	0.000444 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				1.95	mg/kg		1.724	mg/kg	0.000172 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		pH				8.22	pH		8.22	pH	8.22 pH		
				PH									
27		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				38.9	mg/kg	1.462	50.269	mg/kg	0.00503 %	✓	
			215-160-9	1308-38-9									
										Total:	0.102 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS01A-13/05/2023-1.00m

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

Sample details

Sample name:
WS01A-13/05/2023-1.00m
Moisture content:
16.3%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				11.3	mg/kg	1.895	18.408	mg/kg	0.00184 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1	mg/kg	1.855	<0.185	mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		43	mg/kg	3.929	145.27	mg/kg	0.0145 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	93	mg/kg	1.57	125.538	mg/kg	0.008 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.2	mg/kg	1.419	0.244	mg/kg	0.0000244 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		26.7	mg/kg	5.324	122.235	mg/kg	0.0122 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		123	mg/kg	4.398	465.129	mg/kg	0.0465 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		490	µg/kg		0.421	mg/kg	0.0000421 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.13	mg/kg		0.112	mg/kg	0.0000112 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.59	mg/kg		0.507	mg/kg	0.0000507 %	✓	
13	fluorene		201-695-5	86-73-7		0.45	mg/kg		0.387	mg/kg	0.0000387 %	✓	
14	phenanthrene		201-581-5	85-01-8		3.3	mg/kg		2.837	mg/kg	0.000284 %	✓	
15	anthracene		204-371-1	120-12-7		0.87	mg/kg		0.748	mg/kg	0.0000748 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		fluoranthene		205-912-4	206-44-0		5.25	mg/kg		4.514	mg/kg	0.000451 %	✓	
17		pyrene		204-927-3	129-00-0		4.68	mg/kg		4.024	mg/kg	0.000402 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.22	mg/kg		1.909	mg/kg	0.000191 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9		2.41	mg/kg		2.072	mg/kg	0.000207 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.42	mg/kg		2.081	mg/kg	0.000208 %	✓	
21		indeno[123-cd]pyrene		205-893-2	193-39-5		1.52	mg/kg		1.307	mg/kg	0.000131 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.22	mg/kg		0.189	mg/kg	0.0000189 %	✓	
23		benzo[ghi]perylene		205-883-8	191-24-2		1.43	mg/kg		1.23	mg/kg	0.000123 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2.92	mg/kg		2.511	mg/kg	0.000251 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.13	mg/kg		0.972	mg/kg	0.0000972 %	✓	
26		pH			PH		8.14	pH		8.14	pH	8.14 pH		
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
28		benzene	601-020-00-8	200-753-7	71-43-2		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.015	mg/kg		0.0129	mg/kg	0.00000129 %	✓	
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52.5	mg/kg	1.462	65.977	mg/kg	0.0066 %	✓	
											Total:	0.0927 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00002%)

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

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

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

Because of determinand:

xylene: (conc.: 1.29e-06%)

Classification of sample: WS02-13/05/2023-0.50m

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

Sample details

Sample name:
WS02-13/05/2023-0.50m
Moisture content:
13.8%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 13.8% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				11 mg/kg	1.895	18.313 mg/kg	0.00183 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		62 mg/kg	3.929	214.061 mg/kg	0.0214 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	119 mg/kg	1.57	164.163 mg/kg	0.0105 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		<0.1 mg/kg	1.419	<0.142 mg/kg	<0.0000142 %		<**LOD**
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		23.8 mg/kg	5.324	111.352 mg/kg	0.0111 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140 mg/kg	4.398	541.045 mg/kg	0.0541 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		330 µg/kg		0.29 mg/kg	0.000029 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.18 mg/kg		0.158 mg/kg	0.0000158 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.49 mg/kg		0.431 mg/kg	0.0000431 %	✓	
13	fluorene		201-695-5	86-73-7		0.38 mg/kg		0.334 mg/kg	0.0000334 %	✓	
14	phenanthrene		201-581-5	85-01-8		2.66 mg/kg		2.337 mg/kg	0.000234 %	✓	
15	anthracene		204-371-1	120-12-7		0.77 mg/kg		0.677 mg/kg	0.0000677 %	✓	

#		Determinand	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		fluoranthene	205-912-4	206-44-0		4.7	mg/kg		4.13	mg/kg	0.000413 %	✓	
17		pyrene	204-927-3	129-00-0		4.03	mg/kg		3.541	mg/kg	0.000354 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	2.03	mg/kg		1.784	mg/kg	0.000178 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9	2.13	mg/kg		1.872	mg/kg	0.000187 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.06	mg/kg		1.81	mg/kg	0.000181 %	✓	
21		indeno[123-cd]pyrene	205-893-2	193-39-5		1.07	mg/kg		0.94	mg/kg	0.000094 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.15	mg/kg		0.132	mg/kg	0.0000132 %	✓	
23		benzo[ghi]perylene	205-883-8	191-24-2		1.1	mg/kg		0.967	mg/kg	0.0000967 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.38	mg/kg		2.091	mg/kg	0.000209 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.93	mg/kg		0.817	mg/kg	0.0000817 %	✓	
26		pH		PH		7.54	pH		7.54	pH	7.54 pH		
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
28		benzene	601-020-00-8	200-753-7	71-43-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		ethylbenzene	601-023-00-4	202-849-4	100-41-4	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		40	mg/kg	1.462	51.373	mg/kg	0.00514 %	✓	
										Total:	0.107 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS04-13/05/2023-0.50m

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

Sample details

Sample name:
WS04-13/05/2023-0.50m
Moisture content:
12.4%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 12.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				8.2 mg/kg	1.895	13.821 mg/kg	0.00138 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		64 mg/kg	3.929	223.718 mg/kg	0.0224 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	50 mg/kg	1.57	69.835 mg/kg	0.00445 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.2 mg/kg	1.419	0.252 mg/kg	0.0000252 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		21.8 mg/kg	5.324	103.265 mg/kg	0.0103 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		101 mg/kg	4.398	395.187 mg/kg	0.0395 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		<400 µg/kg		<0.4 mg/kg	<0.00004 %		<**LOD**
11	acenaphthylene		205-917-1	208-96-8		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
12	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
13	fluorene		201-695-5	86-73-7		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<**LOD**
14	phenanthrene		201-581-5	85-01-8		1.07 mg/kg		0.952 mg/kg	0.0000952 %	✓	
15	anthracene		204-371-1	120-12-7		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<**LOD**

#		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		fluoranthene				1.32	mg/kg		1.174	mg/kg	0.000117 %	✓	
			205-912-4	206-44-0									
17		pyrene				1.33	mg/kg		1.183	mg/kg	0.000118 %	✓	
			204-927-3	129-00-0									
18		benzo[a]anthracene				0.88	mg/kg		0.783	mg/kg	0.0000783 %	✓	
		601-033-00-9	200-280-6	56-55-3									
19		chrysene				1.15	mg/kg		1.023	mg/kg	0.000102 %	✓	
		601-048-00-0	205-923-4	218-01-9									
20		benzo[a]pyrene; benzo[def]chrysene				0.66	mg/kg		0.587	mg/kg	0.0000587 %	✓	
		601-032-00-3	200-028-5	50-32-8									
21		indeno[123-cd]pyrene				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<**LOD**
			205-893-2	193-39-5									
22		dibenz[a,h]anthracene				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
23		benzo[ghi]perylene				0.51	mg/kg		0.454	mg/kg	0.0000454 %	✓	
			205-883-8	191-24-2									
24		benzo[b]fluoranthene				0.9	mg/kg		0.801	mg/kg	0.0000801 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				0.35	mg/kg		0.311	mg/kg	0.0000311 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		pH				7.65	pH		7.65	pH	7.65 pH		
				PH									
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
28		benzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
29		toluene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
30		ethylbenzene				7	µg/kg		0.0062	mg/kg	0.000000623 %	✓	
		601-023-00-4	202-849-4	100-41-4									
31		xylene				0.013	mg/kg		0.0116	mg/kg	0.00000116 %	✓	
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				47.6	mg/kg	1.462	61.895	mg/kg	0.00619 %	✓	
			215-160-9	1308-38-9									
										Total:	0.0856 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00002%)

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

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

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

Because of determinand:

ethylbenzene: (conc.: 6.23e-07%)

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

Because of determinand:

xylene: (conc.: 1.16e-06%)

Classification of sample: WS06-13/05/2023-0.50m

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

Sample details

Sample name:
WS06-13/05/2023-0.50m
Moisture content:
23%
(dry weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				10.2 mg/kg	1.895	15.711 mg/kg	0.00157 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.1 mg/kg	1.855	0.151 mg/kg	0.0000151 %	✓	
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		81 mg/kg	3.929	258.743 mg/kg	0.0259 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	335 mg/kg	1.57	427.573 mg/kg	0.0272 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		1.2 mg/kg	1.419	1.384 mg/kg	0.000138 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		17 mg/kg	5.324	73.588 mg/kg	0.00736 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		438 mg/kg	4.398	1566.091 mg/kg	0.157 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		230 µg/kg		0.187 mg/kg	0.0000187 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.16 mg/kg		0.13 mg/kg	0.000013 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.26 mg/kg		0.211 mg/kg	0.0000211 %	✓	
13	fluorene		201-695-5	86-73-7		0.25 mg/kg		0.203 mg/kg	0.0000203 %	✓	
14	phenanthrene		201-581-5	85-01-8		2.19 mg/kg		1.78 mg/kg	0.000178 %	✓	
15	anthracene		204-371-1	120-12-7		0.63 mg/kg		0.512 mg/kg	0.0000512 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		fluoranthene		205-912-4	206-44-0		3.35	mg/kg		2.724	mg/kg	0.000272 %	✓	
17		pyrene		204-927-3	129-00-0		3.1	mg/kg		2.52	mg/kg	0.000252 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.59	mg/kg		1.293	mg/kg	0.000129 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9		1.7	mg/kg		1.382	mg/kg	0.000138 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.65	mg/kg		1.341	mg/kg	0.000134 %	✓	
21		indeno[123-cd]pyrene		205-893-2	193-39-5		0.95	mg/kg		0.772	mg/kg	0.0000772 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.21	mg/kg		0.171	mg/kg	0.0000171 %	✓	
23		benzo[ghi]perylene		205-883-8	191-24-2		0.96	mg/kg		0.78	mg/kg	0.000078 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.94	mg/kg		1.577	mg/kg	0.000158 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.75	mg/kg		0.61	mg/kg	0.000061 %	✓	
26		pH			PH		7.33	pH		7.33	pH	7.33 pH		
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
28		benzene	601-020-00-8	200-753-7	71-43-2		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.007	mg/kg		0.0056	mg/kg	0.000000569 %	✓	
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37.8	mg/kg	1.462	44.916	mg/kg	0.00449 %	✓	
											Total:	0.225 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00013%)

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

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

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

Because of determinand:

xylene: (conc.: 5.69e-07%)

Classification of sample: WS07A-13/05/2023-1.00m

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

Sample details

Sample name:
WS07A-13/05/2023-1.00m
Moisture content:
13.7%
(dry weight correction)

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

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

lead di(acetate): (Note 1 conc.: 0.289%)

Determinands

Moisture content: 13.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				14.2	mg/kg	1.895	23.661	mg/kg	0.00237 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1	mg/kg	1.855	<0.185	mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		71	mg/kg	3.929	245.35	mg/kg	0.0245 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	3285	mg/kg	1.57	4535.715	mg/kg	0.289 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.1	mg/kg	1.419	0.125	mg/kg	0.0000125 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		21.4	mg/kg	5.324	100.211	mg/kg	0.01 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		207	mg/kg	4.398	800.678	mg/kg	0.0801 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		380	µg/kg		0.334	mg/kg	0.0000334 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.19	mg/kg		0.167	mg/kg	0.0000167 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.49	mg/kg		0.431	mg/kg	0.0000431 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		fluorene		201-695-5	86-73-7		0.38	mg/kg		0.334	mg/kg	0.0000334 %	✓	
14		phenanthrene		201-581-5	85-01-8		4.14	mg/kg		3.641	mg/kg	0.000364 %	✓	
15		anthracene		204-371-1	120-12-7		0.98	mg/kg		0.862	mg/kg	0.0000862 %	✓	
16		fluoranthene		205-912-4	206-44-0		5.71	mg/kg		5.022	mg/kg	0.000502 %	✓	
17		pyrene		204-927-3	129-00-0		5.25	mg/kg		4.617	mg/kg	0.000462 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.49	mg/kg		2.19	mg/kg	0.000219 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9		2.71	mg/kg		2.383	mg/kg	0.000238 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.63	mg/kg		2.313	mg/kg	0.000231 %	✓	
21		indeno[123-cd]pyrene		205-893-2	193-39-5		1.55	mg/kg		1.363	mg/kg	0.000136 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.23	mg/kg		0.202	mg/kg	0.0000202 %	✓	
23		benzo[ghi]perylene		205-883-8	191-24-2		1.51	mg/kg		1.328	mg/kg	0.000133 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		3.08	mg/kg		2.709	mg/kg	0.000271 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.2	mg/kg		1.055	mg/kg	0.000106 %	✓	
26		pH			PH		8.5	pH		8.5	pH	8.5 pH		
27		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45.8	mg/kg	1.462	58.874	mg/kg	0.00589 %	✓	
											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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00001%)

Classification of sample: WS08-13/05/2023-0.50m

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

Sample details

Sample name:
WS08-13/05/2023-0.50m
Moisture content:
9.4%
(dry weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				9.7 mg/kg	1.895	16.798 mg/kg	0.00168 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		327 mg/kg	3.929	1174.406 mg/kg	0.117 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	144 mg/kg	1.57	206.641 mg/kg	0.0132 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.3 mg/kg	1.419	0.389 mg/kg	0.0000389 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		20.3 mg/kg	5.324	98.796 mg/kg	0.00988 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		113 mg/kg	4.398	454.265 mg/kg	0.0454 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		1900 µg/kg		1.737 mg/kg	0.000174 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.51 mg/kg		0.466 mg/kg	0.0000466 %	✓	
12	acenaphthene		201-469-6	83-32-9		8.54 mg/kg		7.806 mg/kg	0.000781 %	✓	
13	fluorene		201-695-5	86-73-7		6.17 mg/kg		5.64 mg/kg	0.000564 %	✓	
14	phenanthrene		201-581-5	85-01-8		45.71 mg/kg		41.782 mg/kg	0.00418 %	✓	
15	anthracene		204-371-1	120-12-7		15.78 mg/kg		14.424 mg/kg	0.00144 %	✓	

#		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		fluoranthene	205-912-4	206-44-0		60.1	mg/kg		54.936	mg/kg	0.00549 %	✓	
17		pyrene	204-927-3	129-00-0		48.86	mg/kg		44.662	mg/kg	0.00447 %	✓	
18		benzo[a]anthracene	200-280-6	56-55-3		26.46	mg/kg		24.186	mg/kg	0.00242 %	✓	
19		chrysene	205-923-4	218-01-9		26.07	mg/kg		23.83	mg/kg	0.00238 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		23.72	mg/kg		21.682	mg/kg	0.00217 %	✓	
21		indeno[123-cd]pyrene	205-893-2	193-39-5		13.8	mg/kg		12.614	mg/kg	0.00126 %	✓	
22		dibenz[a,h]anthracene	200-181-8	53-70-3		2.86	mg/kg		2.614	mg/kg	0.000261 %	✓	
23		benzo[ghi]perylene	205-883-8	191-24-2		13.99	mg/kg		12.788	mg/kg	0.00128 %	✓	
24		benzo[b]fluoranthene	205-911-9	205-99-2		28.89	mg/kg		26.408	mg/kg	0.00264 %	✓	
25		benzo[k]fluoranthene	205-916-6	207-08-9		11.23	mg/kg		10.265	mg/kg	0.00103 %	✓	
26		pH		PH		8.44	pH		8.44	pH	8.44 pH		
27		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		39.8	mg/kg	1.462	53.172	mg/kg	0.00532 %	✓	
										Total:	0.224 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00003%)

Classification of sample: WS08-13/05/2023-2.50m

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

Sample details

Sample name:
WS08-13/05/2023-2.50m

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

Hazard properties

None identified

Determinands

Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	pH		PH		8.28 pH		8.28 pH	8.28 pH		
								Total:	0%		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: WS09-13/05/2023-0.50m

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

Sample details

Sample name:
WS09-13/05/2023-0.50m
Moisture content:
22.9%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 22.9% Dry Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				67.9	mg/kg	1.895	104.669	mg/kg	0.0105 %	✓	
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1	mg/kg	1.855	<0.185	mg/kg	<0.0000185 %		<**LOD**
3		copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		158	mg/kg	3.929	505.118	mg/kg	0.0505 %	✓	
4		lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	199	mg/kg	1.57	254.198	mg/kg	0.0162 %	✓	
5		mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.6	mg/kg	1.419	0.693	mg/kg	0.0000693 %	✓	
6		nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		56.2	mg/kg	5.324	243.471	mg/kg	0.0243 %	✓	
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2	mg/kg	2.554	4.156	mg/kg	0.000416 %	✓	
8		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		152	mg/kg	4.398	543.926	mg/kg	0.0544 %	✓	
9		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<**LOD**
10		naphthalene	601-052-00-2	202-049-5	91-20-3		1350	µg/kg		1.098	mg/kg	0.00011 %	✓	
11		acenaphthylene		205-917-1	208-96-8		0.97	mg/kg		0.789	mg/kg	0.0000789 %	✓	
12		acenaphthene		201-469-6	83-32-9		2.48	mg/kg		2.018	mg/kg	0.000202 %	✓	
13		fluorene		201-695-5	86-73-7		2.68	mg/kg		2.181	mg/kg	0.000218 %	✓	
14		phenanthrene		201-581-5	85-01-8		25.74	mg/kg		20.944	mg/kg	0.00209 %	✓	
15		anthracene		204-371-1	120-12-7		8.33	mg/kg		6.778	mg/kg	0.000678 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		fluoranthene		205-912-4	206-44-0		33.98	mg/kg		27.648	mg/kg	0.00276 %	✓	
17		pyrene		204-927-3	129-00-0		32.57	mg/kg		26.501	mg/kg	0.00265 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		16.59	mg/kg		13.499	mg/kg	0.00135 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9		15.72	mg/kg		12.791	mg/kg	0.00128 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		16.15	mg/kg		13.141	mg/kg	0.00131 %	✓	
21		indeno[123-cd]pyrene		205-893-2	193-39-5		9.45	mg/kg		7.689	mg/kg	0.000769 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		1.65	mg/kg		1.343	mg/kg	0.000134 %	✓	
23		benzo[ghi]perylene		205-883-8	191-24-2		9.81	mg/kg		7.982	mg/kg	0.000798 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		17.77	mg/kg		14.459	mg/kg	0.00145 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		6.91	mg/kg		5.622	mg/kg	0.000562 %	✓	
26		pH			PH		8.33	pH		8.33	pH	8.33 pH		
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
28		benzene	601-020-00-8	200-753-7	71-43-2		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		68.7	mg/kg	1.462	81.7	mg/kg	0.00817 %	✓	
											Total:	0.181 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00006%)

Classification of sample: WS10-13/05/2023-1.20m

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

Sample details

Sample name:
WS10-13/05/2023-1.20m
Moisture content:
35.7%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 35.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				14.1 mg/kg	1.895	19.685 mg/kg	0.00197 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1 mg/kg	1.855	<0.185 mg/kg	<0.0000185 %		<LOD
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		47 mg/kg	3.929	136.084 mg/kg	0.0136 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	51 mg/kg	1.57	59.001 mg/kg	0.00376 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.3 mg/kg	1.419	0.314 mg/kg	0.0000314 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		31.8 mg/kg	5.324	124.77 mg/kg	0.0125 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	1.882 mg/kg	0.000188 %	✓	
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		57 mg/kg	4.398	184.732 mg/kg	0.0185 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<LOD
10	naphthalene	601-052-00-2	202-049-5	91-20-3		<40 µg/kg		<0.04 mg/kg	<0.000004 %		<LOD
11	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
12	acenaphthene		201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
13	fluorene		201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
14	phenanthrene		201-581-5	85-01-8		0.26 mg/kg		0.192 mg/kg	0.0000192 %	✓	
15	anthracene		204-371-1	120-12-7		0.09 mg/kg		0.0663 mg/kg	0.00000663 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		fluoranthene		205-912-4	206-44-0		0.39	mg/kg		0.287	mg/kg	0.0000287 %	✓	
17		pyrene		204-927-3	129-00-0		0.42	mg/kg		0.31	mg/kg	0.000031 %	✓	
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2	mg/kg		0.147	mg/kg	0.0000147 %	✓	
19		chrysene	601-048-00-0	205-923-4	218-01-9		0.2	mg/kg		0.147	mg/kg	0.0000147 %	✓	
20		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.19	mg/kg		0.14	mg/kg	0.000014 %	✓	
21		indeno[123-cd]pyrene		205-893-2	193-39-5		0.11	mg/kg		0.0811	mg/kg	0.00000811 %	✓	
22		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
23		benzo[ghi]perylene		205-883-8	191-24-2		0.12	mg/kg		0.0884	mg/kg	0.00000884 %	✓	
24		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.2	mg/kg		0.147	mg/kg	0.0000147 %	✓	
25		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.08	mg/kg		0.059	mg/kg	0.0000059 %	✓	
26		pH			PH		7.85	pH		7.85	pH	7.85 pH		
27		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
28		benzene	601-020-00-8	200-753-7	71-43-2		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		56.6	mg/kg	1.462	60.961	mg/kg	0.0061 %	✓	
											Total:	0.0569 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00003%)

Classification of sample: WS11-13/05/2023-1.50m

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

Sample details

Sample name:
WS11-13/05/2023-1.50m
Moisture content:
27.7%
(dry weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 27.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1				13.2	mg/kg	1.895	19.583	mg/kg	0.00196 %	✓	
2	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		<0.1	mg/kg	1.855	<0.185	mg/kg	<0.0000185 %		<**LOD**
3	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8		25	mg/kg	3.929	76.92	mg/kg	0.00769 %	✓	
4	lead { lead di(acetate) }	082-005-00-8	206-104-4	301-04-2	1	16	mg/kg	1.57	19.67	mg/kg	0.00125 %	✓	
5	mercury { mercury difulminate }	080-005-00-2	211-057-8	628-86-4		0.1	mg/kg	1.419	0.111	mg/kg	0.0000111 %	✓	
6	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3		33.8	mg/kg	5.324	140.925	mg/kg	0.0141 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<**LOD**
8	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		56	mg/kg	4.398	192.861	mg/kg	0.0193 %	✓	
9	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<**LOD**
10	naphthalene	601-052-00-2	202-049-5	91-20-3		330	µg/kg		0.258	mg/kg	0.0000258 %	✓	
11	acenaphthylene		205-917-1	208-96-8		0.05	mg/kg		0.0392	mg/kg	0.00000392 %	✓	
12	acenaphthene		201-469-6	83-32-9		0.38	mg/kg		0.298	mg/kg	0.0000298 %	✓	
13	fluorene		201-695-5	86-73-7		0.28	mg/kg		0.219	mg/kg	0.0000219 %	✓	
14	phenanthrene		201-581-5	85-01-8		1.92	mg/kg		1.504	mg/kg	0.00015 %	✓	
15	anthracene		204-371-1	120-12-7		0.52	mg/kg		0.407	mg/kg	0.0000407 %	✓	

#		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		fluoranthene				2.67	mg/kg		2.091	mg/kg	0.000209 %	✓	
			205-912-4	206-44-0									
17		pyrene				2.43	mg/kg		1.903	mg/kg	0.00019 %	✓	
			204-927-3	129-00-0									
18		benzo[a]anthracene				1.19	mg/kg		0.932	mg/kg	0.0000932 %	✓	
		601-033-00-9	200-280-6	56-55-3									
19		chrysene				1.28	mg/kg		1.002	mg/kg	0.0001 %	✓	
		601-048-00-0	205-923-4	218-01-9									
20		benzo[a]pyrene; benzo[def]chrysene				1.24	mg/kg		0.971	mg/kg	0.0000971 %	✓	
		601-032-00-3	200-028-5	50-32-8									
21		indeno[123-cd]pyrene				0.75	mg/kg		0.587	mg/kg	0.0000587 %	✓	
			205-893-2	193-39-5									
22		dibenz[a,h]anthracene				0.14	mg/kg		0.11	mg/kg	0.000011 %	✓	
		601-041-00-2	200-181-8	53-70-3									
23		benzo[ghi]perylene				0.74	mg/kg		0.579	mg/kg	0.0000579 %	✓	
			205-883-8	191-24-2									
24		benzo[b]fluoranthene				1.44	mg/kg		1.128	mg/kg	0.000113 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				0.56	mg/kg		0.439	mg/kg	0.0000439 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		pH				7.88	pH		7.88	pH	7.88 pH		
				PH									
27		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
			200-893-9	75-71-8									
28		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
29		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-001-00-7	200-817-4	74-87-3									
30		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-002-00-2	200-813-2	74-83-9									
31		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		602-009-00-0	200-830-5	75-00-3									
32		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
			200-892-3	75-69-4									
33		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-025-00-8	200-864-0	75-35-4									
34		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
		602-004-00-3	200-838-9	75-09-2									
35		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
36		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
			209-832-0	594-20-7									
37		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			200-826-3	74-97-5									
38		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-006-00-4	200-663-8	67-66-3									
39		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
40		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
41		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
42		1,1-dichloroethane and 1,2-dichloroethane (combined)				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
			203-458-1, 200-863-5	107-06-2, 75-34-3									
43		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
44		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
45		dibromomethane	602-003-00-8	200-824-2	74-95-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
46		bromodichloromethane		200-856-7	75-27-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
47		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
48		trans-1,3-dichloropropene		431-460-4	10061-02-6		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
49		1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
50		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		10	µg/kg		0.0078	mg/kg	0.000000783 %	✓	
51		1,3-dichloropropane		205-531-3	142-28-9		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
52		dibromochloromethane		204-704-0	124-48-1		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
53		1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
54		chlorobenzene	602-033-00-1	203-628-5	108-90-7		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
55		1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
56		bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
57		1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
58		bromobenzene	602-060-00-9	203-623-8	108-86-1		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
59		1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
60		tert-butylbenzene		202-632-4	98-06-6		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
61		sec-butylbenzene		205-227-0	135-98-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
62		1,3-dichlorbenzene	602-067-00-7	208-792-1	541-73-1		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
63		1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
64		n-butylbenzene		203-209-7	104-51-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
65		1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
66		1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
67		1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
68		hexachlorobutadiene		201-765-5	87-68-3		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
69		1,2,3-trichlorobenzene		201-757-1	87-61-6		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
70		benzene	601-020-00-8	200-753-7	71-43-2		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
71		toluene	601-021-00-3	203-625-9	108-88-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
72		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
73		mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**

#		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									
74		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
75	●	4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
			202-796-7	99-87-6									
76		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
77		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		601-026-00-0	202-851-5	100-42-5									
78		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
79	●	2-nitrophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-857-5	88-75-5									
80		2,4-dichlorophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
81		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
82		2,4,5-trichlorophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
83		2,4,6-trichlorophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
84		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
85		4-nitrophenol; p-nitrophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
86		pentachlorophenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-002-00-8	201-778-6	87-86-5									
87		phenol				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
88	●	2-chloronaphthalene				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-079-9	91-58-7									
89	●	2-methyl naphthalene				23	µg/kg		0.018	mg/kg	0.0000018 %	✓	
			202-078-3	91-57-6									
90		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-317-00-9	204-211-0	117-81-7									
91		BBP; benzyl butyl phthalate				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-430-00-3	201-622-7	85-68-7									
92		dibutyl phthalate; DBP				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-318-00-4	201-557-4	84-74-2									
93	●	di-n-octyl phthalate				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-214-7	117-84-0									
94	●	diethyl phthalate				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-550-6	84-66-2									
95	●	dimethyl phthalate				<100	µg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-011-6	131-11-3									
96		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
97		2,6-dinitrotoluene				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
98		4-bromophenylphenylether		202-952-4	101-55-3		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
99		4-chloroaniline	612-137-00-9	203-401-0	106-47-8		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
100		4-chlorophenylphenylether		230-281-7	7005-72-3		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
101		azobenzene	611-001-00-6	203-102-5	103-33-3		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
102		bis(2-chloroethoxy)methane		203-920-2	111-91-1		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
103		bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
104		carbazole		201-696-0	86-74-8		50	µg/kg		0.0392	mg/kg	0.00000392 %	✓	
105		dibenzofuran		205-071-3	132-64-9		31	µg/kg		0.0243	mg/kg	0.00000243 %	✓	
106		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
107		hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
108		hexachloroethane		200-666-4	67-72-1		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
109		3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0	78-59-1		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
110		nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
111		nitrobenzene	609-003-00-7	202-716-0	98-95-3		<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
112		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
113		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
114		cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
115		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
116		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<20	µg/kg		<0.02	mg/kg	<0.000002 %		<LOD
117		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
118		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		58.1	mg/kg	1.462	66.497	mg/kg	0.00665 %	✓	
											Total:	0.0527 %		

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 Deteminand - 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 1: Explosive "waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included"

Force this Hazardous property to non hazardous because No free phase contamination encountered

Hazard Statements hit:

Unst. Expl.; H200 "Unstable explosives"

Because of determinand:

mercury difulminate: (compound conc.: 0.00001%)

Appendix A: Classifier defined and non GB MCL determinands

- **lead di(acetate)** (EC Number: 206-104-4, CAS Number: 301-04-2)

GB MCL index number: 082-005-00-8
Description/Comments: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2.
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 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

- **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

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

dichlorodifluoromethane (EC Number: 200-893-9, CAS Number: 75-71-8)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3; H412 , Ozone 1; H420 , Press. Gas; H280

trichlorofluoromethane (EC Number: 200-892-3, CAS Number: 75-69-4)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Ozone 1; H420

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)
Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)
Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 1A; H360

trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Aquatic Chronic 1; H410

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)
Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

- **dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

- **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , Carc. 2; H351 , Acute Tox. 4; H312 , Aquatic Chronic 3; H412 , Skin Irrit. 2; H315

- **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304 , Aquatic Chronic 2; H411

- **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Chronic 2; H411

- **n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 3; H410

- **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

- **4-isopropyltoluene** (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 2; H411

- **2-nitrophenol** (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

2-chloronaphthalene (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

2-methyl naphthalene (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

di-n-octyl phthalate (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Repr. 2; H361 , Skin Sens. 1; H317 , Resp. Sens. 1; H334 , Eye Irrit. 2; H319 , Aquatic Chronic 4; H413

diethyl phthalate (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , STOT SE 3; H335 , STOT RE 2; H373 , Repr. 2; H361 , Acute Tox. 4; H302 , STOT SE 3; H336 , Skin Sens. 1; H317 , Aquatic Chronic 1; H410

dimethyl phthalate (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , STOT SE 3; H336 , Repr. 2; H361 , Aquatic Chronic 3; H412

4-bromophenylphenylether (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

4-chlorophenylphenylether (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

bis(2-chloroethoxy)methane (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Acute Tox. 1; H330 , Acute Tox. 2; H330 , STOT SE 1; H370 , STOT RE 2; H373

carbazole (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 2; H341 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301

dibenzofuran (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Aquatic Chronic 2; H411

- **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , STOT RE 2; H373

- **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case scenario

cadmium {cadmium sulfate}

Worst case scenario

copper {copper sulphate pentahydrate}

Worst case scenario

lead {lead di(acetate)}

Worst case scenario

mercury {mercury difulminate}

Worst case scenario

nickel {nickel diiodide}

Worst case scenario

selenium {nickel selenate}

Worst case scenario

zinc {zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2]}

Worst case scenario

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case scenario

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

Worst case scenario

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

Lowest conversion factor

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2023.171.5623.10363 (20 Jun 2023)
HazWasteOnline Database: 2023.171.5623.10363 (20 Jun 2023)

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

APPENDIX 13 - Relevant Legislative Background

Legislative Background

Environmental liabilities and risks have been evaluated in terms of a source -pathway - target relationship in accordance with the approach set out in:

- The 1995 Environment Act;
- The Contaminated Land (England) Regulations 2000;
- The DETR circular 02/2000 Environmental Protection Act 1990: Part IIA Contaminated Land.

Contaminated land is defined within the legislative framework as land which is in such condition by reason of substances in, on or under the land that:

1) Significant harm is being caused or there is a significant possibility of such harm being caused;
2) Significant pollution of controlled waters is being or is likely to be caused.

The potential for harm is based on the presence of three factors:

- **Source** - substances that are potential contaminants or pollutants that may cause harm;
- **Pathway** - a potential route by which contaminants can move from the source to the receptor;
- **Receptor** - a receptor that may be harmed, for example the water environment, humans and water.

Where a source, pathway and target are all present a pollutant linkage exists and there is potential for harm to be caused. The presence of a source does not automatically imply that a contamination problem exists, since contamination must be defined in terms of pollutant linkages and unacceptable risk of harm. The nature and importance of both pathways and receptors are site specific and will vary according to the intended end use of the site, its characteristics and its surroundings.

The key principle which supports the SPR approach is 'suitable for use' criteria. This requires remedial action only where contamination is considered to pose unacceptable actual or potential risks to health or the environment and, taking into account the proposed use of the site.

Relevant Guidance Documents

This report has been prepared in accordance with the list of guidance below however the list is not exhaustive:

- LCRM – Model Procedures;
- Contamination and Environmental Matters - Their implications for Property Professionals (2nd Edition RICS Nov 2003);
- Brownfields – Managing the development of previously developed land – A client's guide, CIRIA 2002;
- DEFRA and Environment Agency publications CLR7 – 10, supported by the TOX guides and SGV guides, dated March 2002;
- DETR Circular 02/2000, Contaminated Land: Implementation of Part IIA of the Environmental Protection Act 1990;
- Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part IIA of the EPA1990, May 2002;

Relevant Legislative Documents

The following is a non-exhaustive list of legislative framework documents that has been considered in the production of this report:

- The Environment Act (1995);
- The Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance (2012);
- The Environment Protection Act (1990);
- The Contaminated Land (England) Act (2000);
- Contaminated Land (England) Regulations (2012);
- The Water Resources Act (1991);
- The Pollution Prevention and Control (England and Wales) Regulations (2000);
- The Landfill Regulations (England and Wales) Regulations (2002);
- The Landfill (England and Wales) (Amendment) Regulations (2004);
- Health and Safety at Work Act;

APPENDIX 14 - Limitations

Limitations

This report (Report) forms part of the Services and if applicable Additional Services undertaken by Groundtech Consulting Ltd pursuant to a written contract (Agreement) which contains detailed provisions including express limitations of the liability of Groundtech Consulting Ltd.

This Report was prepared using reasonable skill and care as stated in the Agreement for the purpose including intended end use stated by the Client (Purpose) and the liability of Groundtech Consulting Ltd in respect of the form and content of this Report is no greater than its liability under the Agreement. All records, measurements notes, or any other data (Data) obtained by or for the benefit of the Consultant were obtained at a specific point in time and it may not be assumed by the Client or any person relying on this Report that the Data will remain unaffected by the passage of time, the seasons, weather conditions, changes in the water table or the carrying out and completion of works at the Site.

Unless otherwise agreed this Report has been prepared exclusively for the use and reliance of the Client and may not be relied upon, by any other party except as provided for in the Agreement. A third party who relies on this Report, does so at their own and sole risk and Groundtech Consulting Ltd has no liability to such parties.

Groundtech Consulting Ltd that this Report is to be used for the Purpose. The Purpose was instrumental in determining the scope and of the Services provided. If the Purpose should change, the Client may not be able to rely on the Report without the separate agreement of Groundtech Consulting Ltd.

Since the Report was written, later changes in legislation, statutory requirements and industry best practices have not been considered and this should be allowed for. Ground conditions can also change (see below) and should be investigated if there is any significant delay in acting on the findings of this Report. The period of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the Report inaccurate or unreliable. The information and conclusions in this Report should not be relied upon in the future without written confirmation from Groundtech Consulting Ltd that it is safe to do so.

The observations and conclusions outlined in this Report are based exclusively on the services that were provided as set out in the agreement between the client and Groundtech Consulting Ltd.

Groundtech Consulting Ltd is not liable for the existence of any condition, the discovery of which would require additional investigation outside the agreed scope of works or core competency. The Report is based upon Groundtech Consulting Ltd's observations of existing physical conditions at the Site gained from site reconnaissance together with interpretation of information including documentation, obtained from third parties and from the Client on the history and usage of the Site. The findings and recommendations contained in this Report are based in part upon information provided by third parties, and Groundtech Consulting Ltd have relied upon such information assuming it to be correct.

Groundtech Consulting Ltd accepts no responsibility for errors or inaccuracies in third party information presented in this Report. Groundtech Consulting Ltd was not authorised to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services or Additional Services. Groundtech Consulting Ltd is not liable for any inaccurate information, misrepresentation of data or conclusions, which may inform the scope of investigation undertaken by Groundtech Consulting Ltd and forms the contract with the client.

Where field investigations have been carried out these have been restricted to a level of detail required to achieve the stated objectives of the work. Ground conditions may also vary due to the ground's heterogeneous properties and because investigation exploratory locations only allow examination of the ground at discrete locations. The potential exists for ground conditions to be encountered which are different to those considered in this Report, particularly between exploratory holes. The extent of the limited area depends on the soil and groundwater conditions, together with other constraints such as the position of any existing structures and underground utilities. If so stipulated in the Agreement, geo-environmental testing was carried out for a limited number of parameters based on an understanding of the available operational and historical information, and it should not be inferred that other chemical species are not present.

Any groundwater conditions entered on the exploratory hole records are those observed at the time of investigation. The groundwater level often has not had time to reach equilibrium and a monitoring period is required. Furthermore, groundwater levels are subject to seasonal variation or changes in local drainage conditions and groundwater levels may occur at other times of the year which are higher than were recorded during this investigation.

Any site drawings provided in this Report are preliminary and used to present the general relative locations of features on, and surrounding, the Site.

