

# Waste Classification Report

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

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



A7AXJ-R8NGM-A7RQ0

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

**Job name**

Thorpe Marsh - PFA

**Description/Comments**

**Project**

1620016237-012

**Site**

Thorpe Marsh

**Classified by**

Name: **Rob Hodgson**  
 Date: **30 Apr 2024 16:37 GMT**  
 Telephone: **029 2054 3550**  
 Company: **Ramboll UK Ltd**  
**8 Village Way**  
**Tongwynlais**  
**Cardiff**  
**CF15 7NE**

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

<b>HazWasteOnline™ Certification:</b>	-
<b>Course</b>	<b>Date</b>
Hazardous Waste Classification	-

**Purpose of classification**

2 - Material Characterisation

**Address of the waste**

Proposed Thorpe Marsh Green Energy Hub, Barnby Dun, Doncaster **Post Code** DN3 1ET

**SIC for the process giving rise to the waste**

80300 Investigation activities

**Description of industry/producer giving rise to the waste**

Waste PFA from former Coal Fired Power Station

**Description of the specific process, sub-process and/or activity that created the waste**

Coal combustion

**Description of the waste**

PFA

### Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	RBH116	0.50-0.60	Non Hazardous		3
2	RBH116[2]	5.50-5.70	Non Hazardous		4
3	RBH119	1.00-1.20	Non Hazardous		5
4	RBH119[2]	6.90-7.00	Non Hazardous		6
5	RBH119[3]	6.90-7.00	Non Hazardous		7
6	RBH136	13.50-13.60	Non Hazardous		8
7	RBH138	4.00-4.10	Non Hazardous		9
8	RBH141	7.50-7.60	Non Hazardous		10
9	RBH141A	3.00-3.10	Non Hazardous		11
10	RTP151[2]	0.50-0.70	Non Hazardous		12
11	RTP153	2.90-3.10	Non Hazardous		13
12	RTP157	0.40-0.60	Non Hazardous		14
13	RTP181	0.40-0.60	Non Hazardous		15
14	RTP182	0.50-0.70	Non Hazardous		16
15	RTP184[2]	1.70-1.90	Non Hazardous		17
16	RBH124	5.00-5.10	Non Hazardous		18
17	RTP186	1.50-1.70	Non Hazardous		19
18	RTP134	0.50-0.70	Non Hazardous		20
19	RTP137	1.60-1.80	Non Hazardous		21
20	RTP135	3.20-3.40	Non Hazardous		22
21	RTP124	1.20-1.40	Non Hazardous		23
22	RTP140	2.20-2.40	Non Hazardous		24
23	RTP138	3.50-3.70	Non Hazardous		25
24	RTP139	3.50-3.70	Non Hazardous		26
25	RTP154	0.90-1.10	Non Hazardous		27
26	RTP155	2.60-2.80	Non Hazardous		28
27	RTP166	0.80-0.90	Non Hazardous		29
28	RTP177	1.20-1.30	Non Hazardous		30
29	TRP143	0.40-0.50	Non Hazardous		31
30	RBH129	6.50-6.60	Non Hazardous		33
31	RBH126	0.10-0.30	Non Hazardous		34
32	RBH114	0.20-0.40	Non Hazardous		35
33	RBH114[2]	0.40-0.60	Non Hazardous		38
34	RBH131	5.00-5.50	Non Hazardous		39
35	RBH131[2]	6.00-6.50	Non Hazardous		42
36	RBH143	2.50-2.60	Non Hazardous		45
37	RBH132	10.00-10.50	Non Hazardous		46
38	RBH132[2]	6.00-6.50	Non Hazardous		49
39	RBH137	0.40-0.50	Non Hazardous		50
40	RBH137[2]	2.00-2.50	Non Hazardous		53
41	RBH137[3]	2.00-2.50	Non Hazardous		54
42	RTP136	0.20-0.40	Non Hazardous		55
43	RBH145	3.00-3.10	Non Hazardous		56
44	RBH145[2]	15.00-15.10	Non Hazardous		57
45	RBH125	6.00-6.50	Non Hazardous		58

### Related documents

#	Name	Description
1	Ramboll Suite B, Asbestos	waste stream template used to create this Job


### Report

Created by: Rob Hodgson

Created date: 30 Apr 2024 16:37 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	59
Appendix B: Rationale for selection of metal species	60
Appendix C: Version	61

## Classification of sample: RBH116

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

### Sample details

Sample name:	LoW Code:	
<b>RBH116</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.50-0.60 m</b>		

### Hazard properties

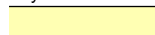



None identified

### 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				8.7	pH		8.7	pH	8.7 pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				20	mg/kg	5.719	114.384	mg/kg	0.0114 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				44	mg/kg	1.462	64.308	mg/kg	0.00643 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	35	mg/kg		35	mg/kg	0.0035 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				4	mg/kg	1.405	5.62	mg/kg	0.000562 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				100	mg/kg	1.785	178.518	mg/kg	0.0179 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0556 %		

### Key

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

## Classification of sample: RBH116[2]

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

### Sample details








Sample name:	LoW Code:
<b>RBH116[2]</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>5.50-5.70 m</b>	

### Hazard properties

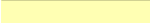


None identified

### 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			8.4	pH		8.4	pH	8.4 pH		
2		arsenic { arsenic trioxide }			120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			10	mg/kg	5.719	57.192	mg/kg	0.00572 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			42	mg/kg	1.462	61.385	mg/kg	0.00614 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	32	mg/kg		32	mg/kg	0.0032 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			3.3	mg/kg	1.405	4.637	mg/kg	0.000464 %	✓	
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			94	mg/kg	1.785	167.807	mg/kg	0.0168 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0482 %		

### Key

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

## Classification of sample: RBH119

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

### Sample details

Sample name:	LoW Code:	
<b>RBH119</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>1.00-1.20 m</b>		

### 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				7.9	pH		7.9	pH	7.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				5.2	mg/kg	5.719	29.74	mg/kg	0.00297 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
3	cadmium { cadmium oxide }				3.1	mg/kg	1.142	3.541	mg/kg	0.000354 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				68	mg/kg	1.462	99.386	mg/kg	0.00994 %	✓	
		215-160-9	1308-38-9									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	96	mg/kg		96	mg/kg	0.0096 %	✓	
	082-001-00-6											
6	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.2	mg/kg	1.405	4.496	mg/kg	0.00045 %	✓	
	034-002-00-8											
7	vanadium { divanadium pentaoxide; vanadium pentoxide }				84	mg/kg	1.785	149.956	mg/kg	0.015 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
8	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0383 %		

### Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
CLP: Note 1	Only the metal concentration has been used for classification

## Classification of sample: RBH119[2]

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

### Sample details

Sample name:	LoW Code:
<b>RBH119[2]</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.90-7.00 m</b>	

### 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			8.7	pH		8.7	pH	8.7 pH		
2		boron { boric acid; [1] boric acid; [2] }			12	mg/kg	5.719	68.63	mg/kg	0.00686 %	✓	
		005-007-00-2	233-139-2 [1] 234-343-4 [2]									
			10043-35-3 [1] 11113-50-1 [2]									
3		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			47	mg/kg	1.462	68.693	mg/kg	0.00687 %	✓	
			215-160-9									
			1308-38-9									
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	36	mg/kg		36	mg/kg	0.0036 %	✓	
		082-001-00-6										
6		selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }			3.2	mg/kg	1.405	4.496	mg/kg	0.00045 %	✓	
		034-002-00-8										
7		vanadium { divanadium pentoxide; vanadium pentoxide }			110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
8	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0374 %		

### Key

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

Classification of sample: RBH119[3]

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

**Sample details**

Sample name:	LoW Code:	
<b>RBH119[3]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.90-7.00 m</b>		

**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				8.7 pH		8.7 pH	8.7 pH		
2	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
3	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
Total:								0.0001 %		

**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)
- <LOD** Below limit of detection

## Classification of sample: RBH136

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

### Sample details

Sample name:	LoW Code:
<b>RBH136</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>13.50-13.60 m</b>	

### Hazard properties

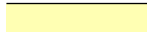



None identified

### 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				8.1	pH		8.1	pH	8.1 pH		
2	• arsenic { arsenic trioxide }				96	mg/kg	1.32	126.751	mg/kg	0.0127 %	✓	
3	• boron { boric acid; [1] boric acid; [2] }				40	mg/kg	5.719	228.768	mg/kg	0.0229 %	✓	
4	• cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
5	• chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				54	mg/kg	1.462	78.924	mg/kg	0.00789 %	✓	
6	• lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	48	mg/kg		48	mg/kg	0.0048 %	✓	
7	• selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				4.1	mg/kg	1.405	5.76	mg/kg	0.000576 %	✓	
8	• vanadium { divanadium pentaoxide; vanadium pentoxide }				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
9	• confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0703 %		

### Key

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



## Classification of sample: RBH138

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

### Sample details

Sample name:	LoW Code:	
<b>RBH138</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>4.00-4.10 m</b>		

### 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				7.8	pH		7.8	pH	7.8 pH		
2	arsenic { arsenic trioxide }				79	mg/kg	1.32	104.306	mg/kg	0.0104 %	✔	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				4.3	mg/kg	5.719	24.593	mg/kg	0.00246 %	✔	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48	mg/kg	1.462	70.155	mg/kg	0.00702 %	✔	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	34	mg/kg		34	mg/kg	0.0034 %	✔	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2.4	mg/kg	1.405	3.372	mg/kg	0.000337 %	✔	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				88	mg/kg	1.785	157.096	mg/kg	0.0157 %	✔	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				☑							
Total:										0.0394 %		

### Key

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

Classification of sample: RBH141

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

Sample details

Sample name:	LoW Code:
<b>RBH141</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>7.50-7.60 m</b>	

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			8.4	pH		8.4	pH	8.4 pH		
2		boron { boric acid; [1] boric acid; [2] }			10	mg/kg	5.719	57.192	mg/kg	0.00572 %	✓	
		005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
3		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0								
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			43	mg/kg	1.462	62.847	mg/kg	0.00628 %	✓	
			215-160-9	1308-38-9								
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	62	mg/kg		62	mg/kg	0.0062 %	✓	
		082-001-00-6										
6		selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }			2.7	mg/kg	1.405	3.794	mg/kg	0.000379 %	✓	
		034-002-00-8										
7		vanadium { divanadium pentoxide; vanadium pentoxide }			88	mg/kg	1.785	157.096	mg/kg	0.0157 %	✓	
		023-001-00-8	215-239-8	1314-62-1								
8	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0343 %		

Key

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

Classification of sample: RBH141A

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

Sample details

Sample name:	LoW Code:	
<b>RBH141A</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>3.00-3.10 m</b>		

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				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				85	mg/kg	1.32	112.228	mg/kg	0.0112 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				49	mg/kg	1.462	71.616	mg/kg	0.00716 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	32	mg/kg		32	mg/kg	0.0032 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				88	mg/kg	1.785	157.096	mg/kg	0.0157 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0383 %		

Key

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

## Classification of sample: RTP151[2]


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

### Sample details

Sample name:	LoW Code:	
<b>RTP151[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.50-0.70 m</b>		

### 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			7.7	pH		7.7	pH	7.7 pH		
2	•	arsenic { arsenic trioxide }			11	mg/kg	1.32	14.524	mg/kg	0.00145 %	✓	
		033-003-00-0	215-481-4									
3	•	boron { boric acid; [1] boric acid; [2] }			0.5	mg/kg	5.719	2.86	mg/kg	0.000286 %	✓	
		005-007-00-2	233-139-2 [1] 234-343-4 [2]									
4	•	cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
5	•	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			160	mg/kg	1.462	233.849	mg/kg	0.0234 %	✓	
			215-160-9									
6	•	lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	7.7	mg/kg		7.7	mg/kg	0.00077 %	✓	
		082-001-00-6										
7	•	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
		034-002-00-8										
8	•	vanadium { divanadium pentaoxide; vanadium pentoxide }			18	mg/kg	1.785	32.133	mg/kg	0.00321 %	✓	
		023-001-00-8	215-239-8									
9	•	confirm TPH has NOT arisen from diesel or petrol			☑							
Total:										0.0293 %		

### Key

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

### Classification of sample: RTP153

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

### Sample details

Sample name:	<b>RTP153</b>	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	<b>2.90-3.10 m</b>	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)

### Hazard properties

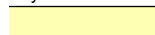



None identified

### 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				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				92	mg/kg	1.32	121.47	mg/kg	0.0121 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				5.2	mg/kg	5.719	29.74	mg/kg	0.00297 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46	mg/kg	1.462	67.232	mg/kg	0.00672 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	45	mg/kg		45	mg/kg	0.0045 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.6	mg/kg	1.405	5.058	mg/kg	0.000506 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0465 %		

### Key

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

Classification of sample: RTP157

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

Sample details

Sample name:	LoW Code:
<b>RTP157</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.60 m</b>	

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			8.1	pH		8.1	pH	8.1 pH		
2		arsenic { arsenic trioxide }			66	mg/kg	1.32	87.141	mg/kg	0.00871 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			0.3	mg/kg	5.719	1.716	mg/kg	0.000172 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			110	mg/kg	1.462	160.771	mg/kg	0.0161 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	31	mg/kg		31	mg/kg	0.0031 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			72	mg/kg	1.785	128.533	mg/kg	0.0129 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0411 %		

Key

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

## Classification of sample: RTP181

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

### Sample details

Sample name:	LoW Code:	
<b>RTP181</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.60 m</b>		

### 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				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				95	mg/kg	1.32	125.431	mg/kg	0.0125 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48	mg/kg	1.462	70.155	mg/kg	0.00702 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	48	mg/kg		48	mg/kg	0.0048 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.2	mg/kg	1.405	4.496	mg/kg	0.00045 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0469 %		

### Key

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

## Classification of sample: RTP182


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

### Sample details

Sample name:	LoW Code:
<b>RTP182</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.50-0.70 m</b>	

### 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			8.7	pH		8.7	pH	8.7 pH		
2	•	arsenic { arsenic trioxide }			89	mg/kg	1.32	117.509	mg/kg	0.0118 %	✓	
		033-003-00-0	215-481-4									
3	•	boron { boric acid; [1] boric acid; [2] }			18	mg/kg	5.719	102.945	mg/kg	0.0103 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4	•	cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5	•	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			52	mg/kg	1.462	76.001	mg/kg	0.0076 %	✓	
			215-160-9									
			1308-38-9									
6	•	lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	48	mg/kg		48	mg/kg	0.0048 %	✓	
		082-001-00-6										
7	•	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			3.1	mg/kg	1.405	4.356	mg/kg	0.000436 %	✓	
		034-002-00-8										
8	•	vanadium { divanadium pentaoxide; vanadium pentoxide }			120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	•	confirm TPH has NOT arisen from diesel or petrol			☑							
Total:										0.0563 %		

### Key

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



## Classification of sample: RTP184[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RTP184[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>1.70-1.90 m</b>		

### 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				8.8	pH		8.8	pH	8.8 pH		
2	arsenic { arsenic trioxide }				48	mg/kg	1.32	63.376	mg/kg	0.00634 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	40.924	mg/kg	0.00409 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	16	mg/kg		16	mg/kg	0.0016 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				5.2	mg/kg	1.405	7.306	mg/kg	0.000731 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	85.689	mg/kg	0.00857 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.022 %		

### Key

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

## Classification of sample: RBH124

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

### Sample details








Sample name:	LoW Code:	
<b>RBH124</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>5.00-5.10 m</b>		

### Hazard properties

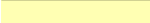


None identified

### 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			8.3	pH		8.3	pH	8.3 pH		
2		arsenic { arsenic trioxide }			93	mg/kg	1.32	122.79	mg/kg	0.0123 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			6.4	mg/kg	5.719	36.603	mg/kg	0.00366 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			64	mg/kg	1.462	93.54	mg/kg	0.00935 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	40	mg/kg		40	mg/kg	0.004 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	●	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

## Classification of sample: RTP186

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

### Sample details

Sample name: **RTP186** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)  
Sample Depth: **1.50-1.70 m** Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

### Hazard properties


None identified

### Determinands


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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				100	mg/kg	1.32	132.033	mg/kg	0.0132 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				52	mg/kg	1.462	76.001	mg/kg	0.0076 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	33	mg/kg		33	mg/kg	0.0033 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				140	mg/kg	1.785	249.926	mg/kg	0.025 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				☑							
Total:										0.0499 %		

### Key

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

## Classification of sample: RTP134

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

### Sample details








Sample name:	LoW Code:
<b>RTP134</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.50-0.70 m</b>	

### Hazard properties

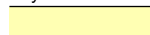



None identified

### 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			8.4	pH		8.4	pH	8.4 pH		
2		arsenic { arsenic trioxide }			160	mg/kg	1.32	211.252	mg/kg	0.0211 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			55	mg/kg	1.462	80.386	mg/kg	0.00804 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	40	mg/kg		40	mg/kg	0.004 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			2.7	mg/kg	1.405	3.794	mg/kg	0.000379 %	✓	
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0538 %		

### Key

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

## Classification of sample: RTP137

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

### Sample details

Sample name:	LoW Code:	
<b>RTP137</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>1.60-1.80 m</b>		

### 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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				2.2	mg/kg	5.719	12.582	mg/kg	0.00126 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				45	mg/kg	1.462	65.77	mg/kg	0.00658 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	29	mg/kg		29	mg/kg	0.0029 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2.4	mg/kg	1.405	3.372	mg/kg	0.000337 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				90	mg/kg	1.785	160.667	mg/kg	0.0161 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0443 %		

### Key

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

Classification of sample: RTP135

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

Sample details

Sample name:	LoW Code:
<b>RTP135</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>3.20-3.40 m</b>	

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			8.4	pH		8.4	pH	8.4 pH		
2		arsenic { arsenic trioxide }			140	mg/kg	1.32	184.846	mg/kg	0.0185 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			5.6	mg/kg	5.719	32.027	mg/kg	0.0032 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			51	mg/kg	1.462	74.539	mg/kg	0.00745 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	31	mg/kg		31	mg/kg	0.0031 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			96	mg/kg	1.785	171.378	mg/kg	0.0171 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0495 %		

Key

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

**Classification of sample: RTP124**

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

**Sample details**

Sample name:	<b>RTP124</b>	LoW Code:	
Sample Depth:	<b>1.20-1.40 m</b>	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				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				90	mg/kg	1.32	118.829	mg/kg	0.0119 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				3.4	mg/kg	5.719	19.445	mg/kg	0.00194 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				32	mg/kg	1.462	46.77	mg/kg	0.00468 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	26	mg/kg		26	mg/kg	0.0026 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				81	mg/kg	1.785	144.6	mg/kg	0.0145 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0357 %		

**Key**

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

Classification of sample: RTP140

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

Sample details

Sample name:	LoW Code:
<b>RTP140</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>2.20-2.40 m</b>	

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			7.8	pH		7.8	pH	7.8 pH		
2		arsenic { arsenic trioxide }			120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
		033-003-00-0	215-481-4									
			1327-53-3									
3		boron { boric acid; [1] boric acid; [2] }			1.2	mg/kg	5.719	6.863	mg/kg	0.000686 %	✓	
		005-007-00-2	233-139-2 [1]									
			234-343-4 [2]									
			10043-35-3 [1]									
			11113-50-1 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
			1306-19-0									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			55	mg/kg	1.462	80.386	mg/kg	0.00804 %	✓	
			215-160-9									
			1308-38-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	38	mg/kg		38	mg/kg	0.0038 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			2.5	mg/kg	1.405	3.513	mg/kg	0.000351 %	✓	
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
		023-001-00-8	215-239-8									
			1314-62-1									
9	●	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0502 %		

Key

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



## Classification of sample: RTP138

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

### Sample details

Sample name:	LoW Code:	
<b>RTP138</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>3.50-3.70 m</b>		

### Hazard properties

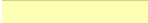



None identified

### 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				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				3.7	mg/kg	5.719	21.161	mg/kg	0.00212 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				57	mg/kg	1.462	83.309	mg/kg	0.00833 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	36	mg/kg		36	mg/kg	0.0036 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				4.7	mg/kg	1.405	6.604	mg/kg	0.00066 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0538 %		

### Key

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

Classification of sample: RTP139

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

Sample details

Sample name:	LoW Code:
<b>RTP139</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>3.50-3.70 m</b>	

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			7.5	pH		7.5	pH	7.5 pH		
2		arsenic { arsenic trioxide }			120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
		033-003-00-0	215-481-4									
3		boron { boric acid; [1] boric acid; [2] }			5.6	mg/kg	5.719	32.027	mg/kg	0.0032 %	✓	
		005-007-00-2	233-139-2 [1] 234-343-4 [2]									
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2									
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			41	mg/kg	1.462	59.924	mg/kg	0.00599 %	✓	
			215-160-9									
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	35	mg/kg		35	mg/kg	0.0035 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			2.4	mg/kg	1.405	3.372	mg/kg	0.000337 %	✓	
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			100	mg/kg	1.785	178.518	mg/kg	0.0179 %	✓	
		023-001-00-8	215-239-8									
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0468 %		

Key

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

## Classification of sample: RTP154

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

### Sample details

Sample name:	LoW Code:	
<b>RTP154</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.90-1.10 m</b>		

### 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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.7	mg/kg	5.719	9.723	mg/kg	0.000972 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				54	mg/kg	1.462	78.924	mg/kg	0.00789 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	43	mg/kg		43	mg/kg	0.0043 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0537 %		

### Key

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

## Classification of sample: RTP155

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

### Sample details








Sample name:	LoW Code:
<b>RTP155</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>2.60-2.80 m</b>	

### 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			8.2	pH		8.2	pH	8.2 pH		
2		arsenic { arsenic trioxide }			140	mg/kg	1.32	184.846	mg/kg	0.0185 %	✓	
		033-003-00-0	215-481-4	1327-53-3								
3		boron { boric acid; [1] boric acid; [2] }			1.7	mg/kg	5.719	9.723	mg/kg	0.000972 %	✓	
		005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]								
4		cadmium { cadmium oxide }			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2	1306-19-0								
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			56	mg/kg	1.462	81.847	mg/kg	0.00818 %	✓	
			215-160-9	1308-38-9								
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	36	mg/kg		36	mg/kg	0.0036 %	✓	
		082-001-00-6										
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			2.6	mg/kg	1.405	3.653	mg/kg	0.000365 %	✓	
		034-002-00-8										
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
		023-001-00-8	215-239-8	1314-62-1								
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>							
Total:										0.0513 %		

### Key

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

## Classification of sample: RTP166

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

### Sample details

Sample name:	LoW Code:	
<b>RTP166</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.80-0.90 m</b>		

### 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				8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				1.2	mg/kg	5.719	6.863	mg/kg	0.000686 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				60	mg/kg	1.462	87.693	mg/kg	0.00877 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	37	mg/kg		37	mg/kg	0.0037 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2.5	mg/kg	1.405	3.513	mg/kg	0.000351 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0521 %		

### Key

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

Classification of sample: RTP177

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

Sample details

Sample name:	LoW Code:
<b>RTP177</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>1.20-1.30 m</b>	

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				7.5	pH		7.5	pH	7.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
3	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]	3.9	mg/kg	5.719	22.305	mg/kg	0.00223 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
5	chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }		215-160-9	1308-38-9	63	mg/kg	1.462	92.078	mg/kg	0.00921 %	✓	
6	lead {  lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	36	mg/kg		36	mg/kg	0.0036 %	✓
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			3.7	mg/kg	1.405	5.199	mg/kg	0.00052 %	✓	
8	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	140	mg/kg	1.785	249.926	mg/kg	0.025 %	✓	
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0564 %		

Key

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

## Classification of sample: TRP143

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

### Sample details

Sample name:	LoW Code:	
<b>TRP143</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.50 m</b>		

### Hazard properties

None identified

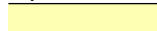



### Determinands

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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				87	mg/kg	1.32	114.868	mg/kg	0.0115 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				3.7	mg/kg	5.719	21.161	mg/kg	0.00212 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				53	mg/kg	1.462	77.462	mg/kg	0.00775 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	48	mg/kg		48	mg/kg	0.0048 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				160	mg/kg	1.785	285.63	mg/kg	0.0286 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
10	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0551 %		


Key

---

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



## Classification of sample: RBH129

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

### Sample details

Sample name:	LoW Code:	
<b>RBH129</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.50-6.60 m</b>		

### 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				8.9	pH		8.9	pH	8.9 pH		
2	arsenic { arsenic trioxide }				85	mg/kg	1.32	112.228	mg/kg	0.0112 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				24	mg/kg	5.719	137.261	mg/kg	0.0137 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				51	mg/kg	1.462	74.539	mg/kg	0.00745 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	44	mg/kg		44	mg/kg	0.0044 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.2	mg/kg	1.405	4.496	mg/kg	0.00045 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0587 %		

### Key

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

## Classification of sample: RBH126


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

### Sample details










Sample name:	LoW Code:
<b>RBH126</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.10-0.30 m</b>	

### Hazard properties

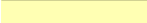



None identified

### Determinands

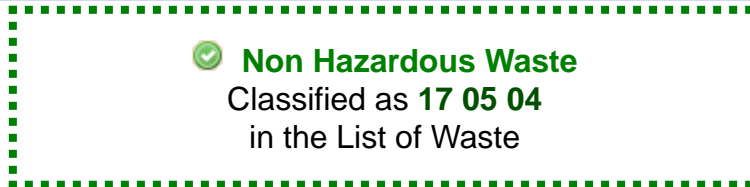
Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8.3	pH		8.3	pH	8.3 pH		
2	 arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				52	mg/kg	1.32	68.657	mg/kg	0.00687 %	✓	
3	 boron { boric acid; [1] boric acid; [2] } 005-007-00-2 233-139-2 [1] 10043-35-3 [1] 234-343-4 [2] 11113-50-1 [2]				2.7	mg/kg	5.719	15.442	mg/kg	0.00154 %	✓	
4	 cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
5	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				25	mg/kg	1.462	36.539	mg/kg	0.00365 %	✓	
6	 lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	17	mg/kg		17	mg/kg	0.0017 %	✓	
7	 selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
8	 vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				61	mg/kg	1.785	108.896	mg/kg	0.0109 %	✓	
9	 confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0248 %		

### Key

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

## Classification of sample: RBH114



### Sample details

Sample name:	LoW Code:	
<b>RBH114</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.20-0.40 m</b>		

### Hazard properties

None identified

### Determinands

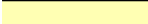



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.4	mg/kg	2.775	9.436	mg/kg	0.000944 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				4	mg/kg	5.719	22.877	mg/kg	0.00229 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				59	mg/kg	1.462	86.232	mg/kg	0.00862 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				110	mg/kg	1.126	123.848	mg/kg	0.0124 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	56	mg/kg		56	mg/kg	0.0056 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				55	mg/kg	1.273	69.993	mg/kg	0.007 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				13	mg/kg	1.405	18.265	mg/kg	0.00183 %	✓	
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				130 mg/kg	2.469	321.009 mg/kg	0.0321 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
23	naphthalene				0.1 mg/kg		0.1 mg/kg	0.00001 %	✓	
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.112 %		

Key

---

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

Classification of sample: RBH114[2]

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

Sample details

Sample name:	LoW Code:	
<b>RBH114[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.60 m</b>		

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			8.4 pH		8.4	pH	8.4 pH		
2		arsenic { arsenic trioxide }			140 mg/kg	1.32	184.846	mg/kg	0.0185 %	✓	
		033-003-00-0	215-481-4								
			1327-53-3								
3		boron { boric acid; [1] boric acid; [2] }			4.1 mg/kg	5.719	23.449	mg/kg	0.00234 %	✓	
		005-007-00-2	233-139-2 [1]								
			234-343-4 [2]								
			10043-35-3 [1]								
			11113-50-1 [2]								
4		cadmium { cadmium oxide }			<0.2 mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
		048-002-00-0	215-146-2								
			1306-19-0								
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			38 mg/kg	1.462	55.539	mg/kg	0.00555 %	✓	
			215-160-9								
			1308-38-9								
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }		1	29 mg/kg		29	mg/kg	0.0029 %	✓	
		082-001-00-6									
7		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			3.8 mg/kg	1.405	5.339	mg/kg	0.000534 %	✓	
		034-002-00-8									
8		vanadium { divanadium pentaoxide; vanadium pentoxide }			85 mg/kg	1.785	151.741	mg/kg	0.0152 %	✓	
		023-001-00-8	215-239-8								
			1314-62-1								
9	•	confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>						
Total:									0.045 %		

Key

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

## Classification of sample: RBH131

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

### Sample details

Sample name:	LoW Code:	
<b>RBH131</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>5.00-5.50 m</b>		

### 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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				91	mg/kg	1.32	120.15	mg/kg	0.012 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.4	mg/kg	2.775	9.436	mg/kg	0.000944 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				11	mg/kg	5.719	62.911	mg/kg	0.00629 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				45	mg/kg	1.462	65.77	mg/kg	0.00658 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				89	mg/kg	1.126	100.204	mg/kg	0.01 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	42	mg/kg		42	mg/kg	0.0042 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				48	mg/kg	1.273	61.084	mg/kg	0.00611 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.4	mg/kg	1.405	4.777	mg/kg	0.000478 %	✓	
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				65 mg/kg	2.469	160.504 mg/kg	0.0161 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	TPH (C6 to C40) petroleum group				3200 mg/kg		3200 mg/kg	0.32 %	✓	
			TPH							
17	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
18	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
19	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
20	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
21	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
22	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				0.46 mg/kg		0.46 mg/kg	0.000046 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.12 mg/kg		0.12 mg/kg	0.000012 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				0.49 mg/kg		0.49 mg/kg	0.000049 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.67 mg/kg		0.67 mg/kg	0.000067 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				0.32 mg/kg		0.32 mg/kg	0.000032 %	✓	
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				1.2 mg/kg		1.2 mg/kg	0.00012 %	✓	
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.403 %		



Key

---

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

**Supplementary Hazardous Property Information**

---

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

Force this Hazardous property to non hazardous because Not flammable given material type and outdoor storage environment.


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.32%)

## Classification of sample: RBH131[2]


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

### Sample details

Sample name:	LoW Code:	
<b>RBH131[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.00-6.50 m</b>		

### Hazard properties

None identified

### Determinands

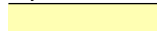



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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		8.4 pH		8.4 pH	8.4 pH		
2	arsenic { arsenic trioxide }				100 mg/kg	1.32	132.033 mg/kg	0.0132 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				3.5 mg/kg	2.775	9.714 mg/kg	0.000971 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boric acid; [1] boric acid; [2] }				7.7 mg/kg	5.719	44.038 mg/kg	0.0044 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				52 mg/kg	1.462	76.001 mg/kg	0.0076 %	✓	
		215-160-9	1308-38-9							
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				89 mg/kg	1.126	100.204 mg/kg	0.01 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	45 mg/kg		45 mg/kg	0.0045 %	✓	
	082-001-00-6									
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel(II) oxide (nickel monoxide) }				49 mg/kg	1.273	62.357 mg/kg	0.00624 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]							
12	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				110 mg/kg	1.785	196.37 mg/kg	0.0196 %	✓	
	023-001-00-8	215-239-8	1314-62-1							


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				55 mg/kg	2.469	135.811 mg/kg	0.0136 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
17	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
18	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
19	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
20	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
21	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
22	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
23	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
27	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
28	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
29	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
30	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.082 %		

Key

---

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

## Classification of sample: RBH143

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

### Sample details

Sample name:	LoW Code:	
<b>RBH143</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>2.50-2.60 m</b>		

### Hazard properties

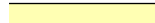



None identified

### 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				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				110	mg/kg	1.32	145.236	mg/kg	0.0145 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				8.2	mg/kg	5.719	46.897	mg/kg	0.00469 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				56	mg/kg	1.462	81.847	mg/kg	0.00818 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	37	mg/kg		37	mg/kg	0.0037 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2.1	mg/kg	1.405	2.951	mg/kg	0.000295 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0546 %		

### Key

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

## Classification of sample: RBH132


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

### Sample details

Sample name:	LoW Code:	
<b>RBH132</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>10.00-10.50 m</b>		

### 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				8.9	pH		8.9	pH	8.9 pH		
2	arsenic { arsenic trioxide }				81	mg/kg	1.32	106.946	mg/kg	0.0107 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				2.5	mg/kg	2.775	6.938	mg/kg	0.000694 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				17	mg/kg	5.719	97.226	mg/kg	0.00972 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48	mg/kg	1.462	70.155	mg/kg	0.00702 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				91	mg/kg	1.126	102.456	mg/kg	0.0102 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	34	mg/kg		34	mg/kg	0.0034 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				51	mg/kg	1.273	64.902	mg/kg	0.00649 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				3.4	mg/kg	1.405	4.777	mg/kg	0.000478 %	✓	
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				90	mg/kg	1.785	160.667	mg/kg	0.0161 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				93 mg/kg	2.469	229.645 mg/kg	0.023 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				980 mg/kg		980 mg/kg	0.098 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
23	naphthalene				0.26 mg/kg		0.26 mg/kg	0.000026 %	✓	
	601-052-00-2	202-049-5	91-20-3							
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
25	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
26	fluorene				0.07 mg/kg		0.07 mg/kg	0.000007 %	✓	
		201-695-5	86-73-7							
27	phenanthrene				0.23 mg/kg		0.23 mg/kg	0.000023 %	✓	
		201-581-5	85-01-8							
28	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %	✓	
		204-371-1	120-12-7							
29	fluoranthene				0.21 mg/kg		0.21 mg/kg	0.000021 %	✓	
		205-912-4	206-44-0							
30	pyrene				0.19 mg/kg		0.19 mg/kg	0.000019 %	✓	
		204-927-3	129-00-0							
31	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
32	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
33	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
34	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
35	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.187 %		

Key

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because Not flammable given material type and outdoor storage environment.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.098%)



### Classification of sample: RBH132[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RBH132[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.00-6.50 m</b>		

### 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				7.9	pH		7.9	pH	7.9 pH		
2	arsenic { arsenic trioxide }				86	mg/kg	1.32	113.548	mg/kg	0.0114 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				2.9	mg/kg	5.719	16.586	mg/kg	0.00166 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				49	mg/kg	1.462	71.616	mg/kg	0.00716 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	31	mg/kg		31	mg/kg	0.0031 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				2	mg/kg	1.405	2.81	mg/kg	0.000281 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				99	mg/kg	1.785	176.733	mg/kg	0.0177 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0413 %		

### Key

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

## Classification of sample: RBH137


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

### Sample details

Sample name:	LoW Code:
<b>RBH137</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.50 m</b>	

### Hazard properties

None identified

### Determinands

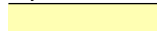



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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		8.4 pH		8.4 pH	8.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	80 mg/kg	1.32	105.626 mg/kg	0.0106 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.5 mg/kg	2.775	4.163 mg/kg	0.000416 %	✓	
4	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]	0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	23 mg/kg	1.462	33.616 mg/kg	0.00336 %	✓	
7	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	59 mg/kg	1.126	66.427 mg/kg	0.00664 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			14 mg/kg		14 mg/kg	0.0014 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) }	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]	37 mg/kg	1.273	47.086 mg/kg	0.00471 %	✓	
12	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	46 mg/kg	1.785	82.119 mg/kg	0.00821 %	✓	


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				26 mg/kg	2.469	64.202 mg/kg	0.00642 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
18	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
19	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
20	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
21	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
22	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
23	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
24	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
25	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
26	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
27	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
28	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
29	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
30	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
31	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
32	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
33	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
34	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
35	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
36	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
37	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0429 %		

Key

---

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

## Classification of sample: RBH137[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RBH137[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>2.00-2.50 m</b>		

### 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				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				8.8	mg/kg	5.719	50.329	mg/kg	0.00503 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	40.924	mg/kg	0.00409 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	24	mg/kg		24	mg/kg	0.0024 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				4	mg/kg	1.405	5.62	mg/kg	0.000562 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				74	mg/kg	1.785	132.104	mg/kg	0.0132 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0425 %		

### Key

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

Classification of sample: RBH137[3]

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

**Sample details**



Sample name:	LoW Code:	
<b>RBH137[3]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>2.00-2.50 m</b>		

**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		7.6 pH		7.6	pH	7.6 pH		
2	 confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
Total:									0%		

Key

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

## Classification of sample: RTP136

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

### Sample details

Sample name:	LoW Code:	
<b>RTP136</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.20-0.40 m</b>		

### 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				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				2.5	mg/kg	5.719	14.298	mg/kg	0.00143 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				50	mg/kg	1.462	73.078	mg/kg	0.00731 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	37	mg/kg		37	mg/kg	0.0037 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.9	mg/kg	1.405	5.48	mg/kg	0.000548 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0521 %		

### Key

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

## Classification of sample: RBH145


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

### Sample details










Sample name:	LoW Code:	
<b>RBH145</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>3.00-3.10 m</b>		

### Hazard properties

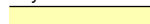



None identified

### 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				8.4	pH		8.4	pH	8.4 pH		
2	 arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3				100	mg/kg	1.32	132.033	mg/kg	0.0132 %	✓	
3	 boron { boric acid; [1] boric acid; [2] } 005-007-00-2   233-139-2 [1]   10043-35-3 [1] 234-343-4 [2]   11113-50-1 [2]				16	mg/kg	5.719	91.507	mg/kg	0.00915 %	✓	
4	 cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
5	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				55	mg/kg	1.462	80.386	mg/kg	0.00804 %	✓	
6	 lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	36	mg/kg		36	mg/kg	0.0036 %	✓	
7	 selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
8	 vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8   215-239-8   1314-62-1				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
9	 confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0556 %		

### Key

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



### Classification of sample: RBH145[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RBH145[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>15.00-15.10 m</b>		

### 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				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				88	mg/kg	1.32	116.189	mg/kg	0.0116 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				19	mg/kg	5.719	108.665	mg/kg	0.0109 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				57	mg/kg	1.462	83.309	mg/kg	0.00833 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	71	mg/kg		71	mg/kg	0.0071 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				8.9	mg/kg	1.405	12.505	mg/kg	0.00125 %	✓	
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				100	mg/kg	1.785	178.518	mg/kg	0.0179 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.057 %		

### Key

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

## Classification of sample: RBH125

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

### Sample details

Sample name:	LoW Code:
<b>RBH125</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>6.00-6.50 m</b>	

### 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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				110	mg/kg	1.32	145.236	mg/kg	0.0145 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	boron { boric acid; [1] boric acid; [2] }				4.6	mg/kg	5.719	26.308	mg/kg	0.00263 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
4	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				55	mg/kg	1.462	80.386	mg/kg	0.00804 %	✓	
		215-160-9	1308-38-9									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	39	mg/kg		39	mg/kg	0.0039 %	✓	
	082-001-00-6											
7	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
8	vanadium { divanadium pentaoxide; vanadium pentoxide }				120	mg/kg	1.785	214.222	mg/kg	0.0214 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
9	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
Total:										0.0507 %		

### Key

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

## Appendix A: Classifier defined and non GB MCL determinands

- **pH** (CAS Number: PH)

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

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

Description/Comments: Data from C&L Inventory Database  
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>  
Data source date: 17 Jul 2015  
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **lead compounds with the exception of those specified elsewhere in this Annex**

GB MCL index number: 082-001-00-6  
Description/Comments: Least-worst case: 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](http://www.reach-lead.eu/substanceinformation.html). Review date 29/09/2015

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: None.

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5  
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide  
Additional Hazard Statement(s): EUH032 >= 0.2 %  
Reason for additional Hazards Statement(s):  
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database  
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>  
Data source date: 17 Jul 2015  
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database  
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>  
Data source date: 17 Jul 2015  
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database  
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>  
Data source date: 06 Aug 2015  
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 21 Aug 2015

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

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

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

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

Data source date: 21 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

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

Data source date: 23 Jul 2015

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

▪ **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

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

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

### boron {boric acid; [1] boric acid; [2]}

Most common species found in the environment.

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history.

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

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

### lead {lead compounds with the exception of those specified elsewhere in this Annex}

Most applicable species.

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

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

**vanadium {divanadium pentaoxide; vanadium pentoxide}**

Only vanadium species available.

**cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}**

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide].

**beryllium {beryllium oxide}**

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics.

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

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

**copper {dicopper oxide; copper (I) oxide}**

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

**mercury {mercury dichloride}**

Worst case CLP species based on hazard statements/molecular weight.

**nickel {nickel(II) oxide (nickel monoxide)}**

Most common nickel species.

**zinc {zinc sulphate}**

Most common zinc species.

**Appendix C: Version**

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

HazWasteOnline Classification Engine Version: 2024.120.6033.11176 (29 Apr 2024)

HazWasteOnline Database: 2024.114.6027.11166 (23 Apr 2024)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**GB MCL List** - version 1.1 of 09 June 2021

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

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

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

# Waste Classification Report

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

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



R50ZW-OW7UD-9VEZ0

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

### Job name

Thorpe Marsh - Topsoil

### Description/Comments

### Project

1620016237-012

### Site

Thorpe Marsh

### Classified by

Name: **Rob Hodgson**  
 Date: **26 Apr 2024 15:10 GMT**  
 Telephone: **029 2054 3550**

Company: **Ramboll UK Ltd**  
**8 Village Way**  
**Tongwynlais**  
**Cardiff**  
**CF15 7NE**

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

<b>HazWasteOnline™ Certification:</b>	-
<b>Course</b>	<b>Date</b>
Hazardous Waste Classification	-

### Purpose of classification

2 - Material Characterisation

### Address of the waste

Proposed Thorpe Marsh Green Energy Hub, Barnby Dun, Doncaster **Post Code** DN3 1ET

### SIC for the process giving rise to the waste

80300 Investigation activities

### Description of industry/producer giving rise to the waste

Waste PFA from former Coal Fired Power Station

### Description of the specific process, sub-process and/or activity that created the waste

Coal combustion

### Description of the waste

Topsoil

**Job summary**

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	RTP151	0.10-0.30	Non Hazardous		3
2	RTP183	0.00-0.10	Non Hazardous		6
3	RTP184	0.20-0.40	Non Hazardous		9

**Related documents**

#	Name	Description
1	Ramboll Suite B, Asbestos	waste stream template used to create this Job

**Report**

Created by: Rob Hodgson

Created date: 26 Apr 2024 15:10 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	12
Appendix B: Rationale for selection of metal species	13
Appendix C: Version	14

## Classification of sample: RTP151

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

### Sample details

Sample name:	RTP151	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.10-0.30 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	26%	(dry weight correction)		

### Hazard properties

None identified

### Determinands

Moisture content: 26% 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				6.7 pH		6.7 pH	6.7 pH		
2	arsenic { arsenic trioxide }				18 mg/kg	1.32	18.862 mg/kg	0.00189 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1.3 mg/kg	2.775	2.863 mg/kg	0.000286 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boric acid; [1] boric acid; [2] }				0.2 mg/kg	5.719	0.908 mg/kg	0.0000908 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				59 mg/kg	1.462	68.438 mg/kg	0.00684 %	✓	
		215-160-9	1308-38-9							
7	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
8	copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	23.233 mg/kg	0.00232 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	43 mg/kg		34.127 mg/kg	0.00341 %	✓	
	082-001-00-6									
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel(II) oxide (nickel monoxide) }				23 mg/kg	1.273	23.23 mg/kg	0.00232 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.2 mg/kg	1.405	1.338 mg/kg	0.000134 %	✓	
	034-002-00-8									



#	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									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				42	mg/kg	1.785	59.506	mg/kg	0.00595 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc sulphate }				65	mg/kg	2.469	127.384	mg/kg	0.0127 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
16	phenol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
17	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				0.011	mg/kg		0.0087	mg/kg	0.000000873 %	✓	
	601-020-00-8	200-753-7	71-43-2									
21	toluene				0.057	mg/kg		0.0452	mg/kg	0.00000452 %	✓	
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
24	naphthalene				0.52	mg/kg		0.413	mg/kg	0.0000413 %	✓	
	601-052-00-2	202-049-5	91-20-3									
25	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
26	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
27	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
28	phenanthrene				0.07	mg/kg		0.0556	mg/kg	0.00000556 %	✓	
		201-581-5	85-01-8									
29	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
30	fluoranthene				0.06	mg/kg		0.0476	mg/kg	0.00000476 %	✓	
		205-912-4	206-44-0									
31	pyrene				0.06	mg/kg		0.0476	mg/kg	0.00000476 %	✓	
		204-927-3	129-00-0									
32	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
33	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
34	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
35	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
36	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
37	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
38	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0379 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Not flammable, given nature of material and storage environment.


Hazard Statements hit:

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

Because of determinands:

- benzene: (conc.: 8.73e-07%)
- toluene: (conc.: 4.52e-06%)

## Classification of sample: RTP183


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

### Sample details

Sample name:	LoW Code:	
<b>RTP183</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.00-0.10 m</b>		
Moisture content:		
<b>33%</b>		
(dry weight correction)		

### Hazard properties

None identified

### Determinands

Moisture content: 33% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				7.3 pH		7.3 pH	7.3 pH		
2	arsenic { arsenic trioxide }				47 mg/kg	1.32	46.658 mg/kg	0.00467 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1.6 mg/kg	2.775	3.339 mg/kg	0.000334 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boric acid; [1] boric acid; [2] }				2.4 mg/kg	5.719	10.32 mg/kg	0.00103 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	34.066 mg/kg	0.00341 %	✓	
		215-160-9	1308-38-9							
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				4 mg/kg	2.27	6.827 mg/kg	0.000683 %	✓	
	024-017-00-8									
8	copper { dicopper oxide; copper (I) oxide }				53 mg/kg	1.126	44.866 mg/kg	0.00449 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	43 mg/kg		32.331 mg/kg	0.00323 %	✓	
	082-001-00-6									
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel(II) oxide (nickel monoxide) }				27 mg/kg	1.273	25.835 mg/kg	0.00258 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.7 mg/kg	1.405	1.796 mg/kg	0.00018 %	✓	
	034-002-00-8									

#	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									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				48	mg/kg	1.785	64.428	mg/kg	0.00644 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc sulphate }				100	mg/kg	2.469	185.661	mg/kg	0.0186 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
16	phenol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
17	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
21	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
26	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
27	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
28	phenanthrene				0.2	mg/kg		0.15	mg/kg	0.000015 %	✓	
		201-581-5	85-01-8									
29	anthracene				0.1	mg/kg		0.0752	mg/kg	0.00000752 %	✓	
		204-371-1	120-12-7									
30	fluoranthene				0.39	mg/kg		0.293	mg/kg	0.0000293 %	✓	
		205-912-4	206-44-0									
31	pyrene				0.33	mg/kg		0.248	mg/kg	0.0000248 %	✓	
		204-927-3	129-00-0									
32	benzo[a]anthracene				0.18	mg/kg		0.135	mg/kg	0.0000135 %	✓	
	601-033-00-9	200-280-6	56-55-3									
33	chrysene				0.19	mg/kg		0.143	mg/kg	0.0000143 %	✓	
	601-048-00-0	205-923-4	218-01-9									
34	benzo[b]fluoranthene				0.24	mg/kg		0.18	mg/kg	0.000018 %	✓	
	601-034-00-4	205-911-9	205-99-2									
35	benzo[k]fluoranthene				0.1	mg/kg		0.0752	mg/kg	0.00000752 %	✓	
	601-036-00-5	205-916-6	207-08-9									
36	benzo[a]pyrene; benzo[def]chrysene				0.18	mg/kg		0.135	mg/kg	0.0000135 %	✓	
	601-032-00-3	200-028-5	50-32-8									
37	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
38	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
39	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
Total:									0.0471 %		

Key

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

## Classification of sample: RTP184

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

### Sample details

Sample name:	LoW Code:	
<b>RTP184</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.20-0.40 m</b>		
Moisture content:		
<b>20%</b>		
(dry weight correction)		

### Hazard properties

None identified

### Determinands

Moisture content: 20% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				7.3 pH		7.3 pH	7.3 pH		
2	arsenic { arsenic trioxide }				19 mg/kg	1.32	20.905 mg/kg	0.00209 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1.5 mg/kg	2.775	3.469 mg/kg	0.000347 %	✓	
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boric acid; [1] boric acid; [2] }				2 mg/kg	5.719	9.532 mg/kg	0.000953 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
5	cadmium { cadmium oxide }				0.7 mg/kg	1.142	0.666 mg/kg	0.0000666 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				44 mg/kg	1.462	53.59 mg/kg	0.00536 %	✓	
		215-160-9	1308-38-9							
7	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
8	copper { dicopper oxide; copper (I) oxide }				29 mg/kg	1.126	27.209 mg/kg	0.00272 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	77 mg/kg		64.167 mg/kg	0.00642 %	✓	
	082-001-00-6									
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel(II) oxide (nickel monoxide) }				24 mg/kg	1.273	25.452 mg/kg	0.00255 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.9 mg/kg	1.405	2.225 mg/kg	0.000222 %	✓	
	034-002-00-8									

#	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									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	68.432	mg/kg	0.00684 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc sulphate }				220	mg/kg	2.469	452.704	mg/kg	0.0453 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
16	phenol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
17	TPH (C6 to C40) petroleum group				12	mg/kg		10	mg/kg	0.001 %	✓	
			TPH									
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
21	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
26	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
27	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
28	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
29	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
30	fluoranthene				0.06	mg/kg		0.05	mg/kg	0.000005 %	✓	
		205-912-4	206-44-0									
31	pyrene				0.05	mg/kg		0.0417	mg/kg	0.00000417 %	✓	
		204-927-3	129-00-0									
32	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
33	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
34	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
35	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
36	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
37	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
38	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0747 %		

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because Not flammable, given nature of material and storage environment.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)



## Appendix A: Classifier defined and non GB MCL determinands

### ▪ pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

### ▪ lead compounds with the exception of those specified elsewhere in this Annex

GB MCL index number: 082-001-00-6

Description/Comments: Least-worst case: 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](http://www.reach-lead.eu/substanceinformation.html). Review date 29/09/2015

### ▪ salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

### ▪ confirm TPH has NOT arisen from diesel or petrol

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

### ▪ 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

### ▪ 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

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

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

### beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics.

### boron {boric acid; [1] boric acid; [2]}

Most common species found in the environment.

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history.

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

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

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

More likely present at this location

**copper {dicopper oxide; copper (I) oxide}**

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

**lead {lead compounds with the exception of those specified elsewhere in this Annex}**

Most applicable species.

**mercury {mercury dichloride}**

Worst case CLP species based on hazard statements/molecular weight.

**nickel {nickel(II) oxide (nickel monoxide)}**

Most common nickel species.

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

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

**vanadium {divanadium pentaoxide; vanadium pentoxide}**

Only vanadium species available.

**zinc {zinc sulphate}**

Most common zinc species.

**cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}**

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide].

**Appendix C: Version**

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

HazWasteOnline Classification Engine Version: 2024.114.6027.11166 (23 Apr 2024)

HazWasteOnline Database: 2024.114.6027.11166 (23 Apr 2024)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2020 No. 1540 of 16th December 2020

**GB MCL List** - version 1.1 of 09 June 2021

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

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

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

# Waste Classification Report

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

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



1L95W-1JYFF-DXCMS

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

**Job name**

Thorpe Marsh - Waste

**Description/Comments**

**Project**

1620016237-012

**Site**

Thorpe Marsh

**Classified by**

Name: **Rob Hodgson**  
 Date: **26 Apr 2024 15:03 GMT**  
 Telephone: **029 2054 3550**  
 Company: **Ramboll UK Ltd**  
**8 Village Way**  
**Tongwynlais**  
**Cardiff**  
**CF15 7NE**

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

<b>HazWasteOnline™ Certification:</b>	-
<b>Course</b>	<b>Date</b>
Hazardous Waste Classification	-

**Purpose of classification**

2 - Material Characterisation

**Address of the waste**

Proposed Thorpe Marsh Green Energy Hub, Barnby Dun, Doncaster **Post Code** DN3 1ET

**SIC for the process giving rise to the waste**

80300 Investigation activities

**Description of industry/producer giving rise to the waste**

Waste PFA from former Coal Fired Power Station

**Description of the specific process, sub-process and/or activity that created the waste**

Coal combustion

**Description of the waste**

PFA

**Job summary**

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	RBH141	13.50-13.60	Non Hazardous		3

**Related documents**

#	Name	Description
1	Ramboll Suite B, Asbestos	waste stream template used to create this Job

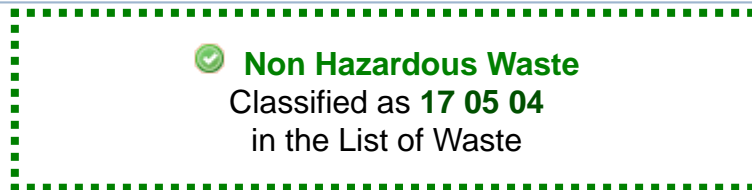
**Report**

Created by: Rob Hodgson

Created date: 26 Apr 2024 15:03 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	6
Appendix B: Rationale for selection of metal species	7
Appendix C: Version	8

## Classification of sample: RBH141



### Sample details

Sample name:	LoW Code:	
<b>RBH141</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>13.50-13.60 m</b>		

### 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				8.7	pH		8.7	pH	8.7 pH		
2	arsenic { arsenic trioxide }				100	mg/kg	1.32	132.033	mg/kg	0.0132 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				2.9	mg/kg	2.775	8.048	mg/kg	0.000805 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				45	mg/kg	5.719	257.364	mg/kg	0.0257 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				43	mg/kg	1.462	62.847	mg/kg	0.00628 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				67	mg/kg	1.126	75.435	mg/kg	0.00754 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	63	mg/kg		63	mg/kg	0.0063 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				41	mg/kg	1.273	52.176	mg/kg	0.00522 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				88	mg/kg	1.785	157.096	mg/kg	0.0157 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				130 mg/kg	2.469	321.009 mg/kg	0.0321 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				285 mg/kg		285 mg/kg	0.0285 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				0.028 mg/kg		0.028 mg/kg	0.0000028 %	✓	
	601-020-00-8	200-753-7	71-43-2							
21	toluene				0.13 mg/kg		0.13 mg/kg	0.000013 %	✓	
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				0.64 mg/kg		0.64 mg/kg	0.000064 %	✓	
	601-023-00-4	202-849-4	100-41-4							
23	xylene				8.2 mg/kg		8.2 mg/kg	0.00082 %	✓	
	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]							
24	naphthalene				1.2 mg/kg		1.2 mg/kg	0.00012 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				0.18 mg/kg		0.18 mg/kg	0.000018 %	✓	
		205-917-1	208-96-8							
26	acenaphthene				0.6 mg/kg		0.6 mg/kg	0.00006 %	✓	
		201-469-6	83-32-9							
27	fluorene				0.61 mg/kg		0.61 mg/kg	0.000061 %	✓	
		201-695-5	86-73-7							
28	phenanthrene				2.1 mg/kg		2.1 mg/kg	0.00021 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.5 mg/kg		0.5 mg/kg	0.00005 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				1.8 mg/kg		1.8 mg/kg	0.00018 %	✓	
		205-912-4	206-44-0							
31	pyrene				1.5 mg/kg		1.5 mg/kg	0.00015 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.51 mg/kg		0.51 mg/kg	0.000051 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.57 mg/kg		0.57 mg/kg	0.000057 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				0.45 mg/kg		0.45 mg/kg	0.000045 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.14 mg/kg		0.14 mg/kg	0.000014 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.33 mg/kg		0.33 mg/kg	0.000033 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				0.19 mg/kg		0.19 mg/kg	0.000019 %	✓	
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				0.21 mg/kg		0.21 mg/kg	0.000021 %	✓	
		205-883-8	191-24-2							
Total:								0.144 %		

Key

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because Not flammable, given nature of material and storage environment.

Hazard Statements hit:

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

Because of determinands:

- benzene: (conc.: 2.8e-06%)
- toluene: (conc.: 0.00001%)
- ethylbenzene: (conc.: 0.00006%)

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

Because of determinands:

- TPH (C6 to C40) petroleum group: (conc.: 0.0285%)
- xylene: (conc.: 0.00082%)



## Appendix A: Classifier defined and non GB MCL determinands

---

- **pH** (CAS Number: PH)

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

---

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

Description/Comments: Data from C&L Inventory Database  
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>  
Data source date: 17 Jul 2015  
Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

---

- **lead compounds with the exception of those specified elsewhere in this Annex**

GB MCL index number: 082-001-00-6  
Description/Comments: Least-worst case: 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](http://www.reach-lead.eu/substanceinformation.html). Review date 29/09/2015

---

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

GB MCL index number: 006-007-00-5  
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide  
Additional Hazard Statement(s): EUH032 >= 0.2 %  
Reason for additional Hazards Statement(s):  
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

---

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, STOT RE 2; H373, Muta. 1B; H340, Carc. 1B; H350, Repr. 2; H361d, Aquatic Chronic 2; H411

---

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: None.

---

- **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

---

- **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

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

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

### beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics.

### boron {boric acid; [1] boric acid; [2]}

Most common species found in the environment.

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history.

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

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

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

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

**copper {dicopper oxide; copper (I) oxide}**

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

**lead {lead compounds with the exception of those specified elsewhere in this Annex}**

Most applicable species.

**mercury {mercury dichloride}**

Worst case CLP species based on hazard statements/molecular weight.

**nickel {nickel(II) oxide (nickel monoxide)}**

Most common nickel species.

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

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

**vanadium {divanadium pentaoxide; vanadium pentoxide}**

Only vanadium species available.

**zinc {zinc sulphate}**

Most common zinc species.

**cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}**

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide].

**Appendix C: Version**

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

HazWasteOnline Classification Engine Version: 2024.114.6027.11166 (23 Apr 2024)

HazWasteOnline Database: 2024.114.6027.11166 (23 Apr 2024)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2020 No. 1540 of 16th December 2020

**GB MCL List** - version 1.1 of 09 June 2021

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

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

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

# Waste Classification Report

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

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



V0AXK-JFEZ2-FRXYE

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

**Job name**

Thorpe Marsh - Made Ground

**Description/Comments**

**Project**

1620016237-012

**Site**

Thorpe Marsh

**Classified by**

Name: **Rob Hodgson**  
 Date: **26 Apr 2024 15:33 GMT**  
 Telephone: **029 2054 3550**  
 Company: **Ramboll UK Ltd**  
**8 Village Way**  
**Tongwynlais**  
**Cardiff**  
**CF15 7NE**

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

<b>HazWasteOnline™ Certification:</b>	-
<b>Course</b>	<b>Date</b>
Hazardous Waste Classification	-

**Purpose of classification**

2 - Material Characterisation

**Address of the waste**

Proposed Thorpe Marsh Green Energy Hub, Barnby Dun, Doncaster Post Code DN3 1ET

**SIC for the process giving rise to the waste**

80300 Investigation activities

**Description of industry/producer giving rise to the waste**

Waste PFA from former Coal Fired Power Station

**Description of the specific process, sub-process and/or activity that created the waste**

Coal combustion

**Description of the waste**

PFA

**Job summary**

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	RBH113	0.60-0.80	Non Hazardous		3
2	RBH138[2]	0.40-0.50	Non Hazardous		6
3	RBH141[2]	9.10-9.20	Non Hazardous		9
4	RTP153[2]	0.20-0.40	Non Hazardous		12
5	RTP185	0.20-0.40	Non Hazardous		15
6	RTP186[2]	4.00-4.20	Non Hazardous		18
7	RTP134[2]	0.10-0.30	Non Hazardous		21
8	RTP124[2]	0.20-0.40	Non Hazardous		24
9	RTP138[2]	0.10-0.30	Non Hazardous		27
10	RTP154[2]	0.50-0.70	Non Hazardous		30
11	RTP150	1.10-1.20	Non Hazardous		33
12	TRP142	0.30-0.40	Non Hazardous		36
13	TRP143[2]	0.90-1.00	Non Hazardous		39
14	TRP143[3]	1.50-1.60	Hazardous	HP 3(i), HP 7, HP 11	42
15	RBH125[2]	0.00-0.10	Non Hazardous		45

**Related documents**

#	Name	Description
1	Ramboll Suite B, Asbestos	waste stream template used to create this Job


**Report**

Created by: Rob Hodgson

Created date: 26 Apr 2024 15:33 GMT

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

## Classification of sample: RBH113

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

### Sample details

Sample name:	LoW Code:	
<b>RBH113</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.60-0.80 m</b>		

### Hazard properties

None identified

### Determinands

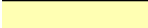



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8.6	pH		8.6	pH	8.6 pH		
2	arsenic { arsenic trioxide }				140	mg/kg	1.32	184.846	mg/kg	0.0185 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.2	mg/kg	2.775	8.881	mg/kg	0.000888 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				1	mg/kg	5.719	5.719	mg/kg	0.000572 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46	mg/kg	1.462	67.232	mg/kg	0.00672 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				94	mg/kg	1.126	105.834	mg/kg	0.0106 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	39	mg/kg		39	mg/kg	0.0039 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				52	mg/kg	1.273	66.175	mg/kg	0.00662 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				3.1	mg/kg	1.405	4.356	mg/kg	0.000436 %	✓	
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				46 mg/kg	2.469	113.588 mg/kg	0.0114 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				2.4 mg/kg		2.4 mg/kg	0.00024 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
29	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
30	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0812 %		


Key

---

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



## Classification of sample: RBH138[2]


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

### Sample details

Sample name:	LoW Code:	
<b>RBH138[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.40-0.50 m</b>		

### Hazard properties

None identified

### Determinands

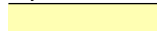



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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		7.7 pH		7.7 pH	7.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	19.805 mg/kg	0.00198 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.4 mg/kg	2.775	3.885 mg/kg	0.000389 %	✓	
4	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]	0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	72 mg/kg	1.462	105.232 mg/kg	0.0105 %	✓	
7	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	31 mg/kg	1.126	34.903 mg/kg	0.00349 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			18 mg/kg		18 mg/kg	0.0018 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) }	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]	37 mg/kg	1.273	47.086 mg/kg	0.00471 %	✓	
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	34 mg/kg	1.785	60.696 mg/kg	0.00607 %	✓	

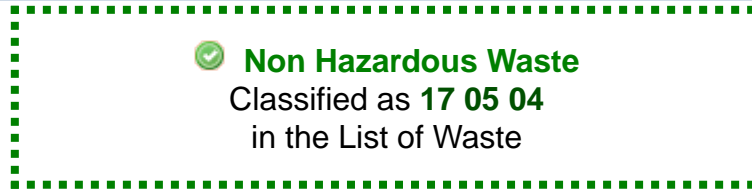
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				56 mg/kg	2.469	138.281 mg/kg	0.0138 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
29	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
30	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0451 %		

Key

---

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

## Classification of sample: RBH141[2]



### Sample details

Sample name:	LoW Code:	
<b>RBH141[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>9.10-9.20 m</b>		

### Hazard properties

None identified

### Determinands

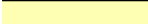



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8.9	pH		8.9	pH	8.9 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.3	mg/kg	2.775	9.159	mg/kg	0.000916 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				14	mg/kg	5.719	80.069	mg/kg	0.00801 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				50	mg/kg	1.462	73.078	mg/kg	0.00731 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				87	mg/kg	1.126	97.952	mg/kg	0.0098 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	44	mg/kg		44	mg/kg	0.0044 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				49	mg/kg	1.273	62.357	mg/kg	0.00624 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	196.37	mg/kg	0.0196 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				97 mg/kg	2.469	239.522 mg/kg	0.024 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				0.15 mg/kg		0.15 mg/kg	0.000015 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				0.58 mg/kg		0.58 mg/kg	0.000058 %	✓	
		201-469-6	83-32-9							
27	fluorene				0.4 mg/kg		0.4 mg/kg	0.00004 %	✓	
		201-695-5	86-73-7							
28	phenanthrene				1.4 mg/kg		1.4 mg/kg	0.00014 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.27 mg/kg		0.27 mg/kg	0.000027 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				1.2 mg/kg		1.2 mg/kg	0.00012 %	✓	
		205-912-4	206-44-0							
31	pyrene				0.99 mg/kg		0.99 mg/kg	0.000099 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.41 mg/kg		0.41 mg/kg	0.000041 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.45 mg/kg		0.45 mg/kg	0.000045 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				0.32 mg/kg		0.32 mg/kg	0.000032 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.14 mg/kg		0.14 mg/kg	0.000014 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.23 mg/kg		0.23 mg/kg	0.000023 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				0.16 mg/kg		0.16 mg/kg	0.000016 %	✓	
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				0.16 mg/kg		0.16 mg/kg	0.000016 %	✓	
		205-883-8	191-24-2							
Total:								0.1 %		

Key

---

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

## Classification of sample: RTP153[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RTP153[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.20-0.40 m</b>		

### Hazard properties

None identified

### Determinands

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

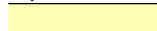



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		8.3 pH		8.3 pH	8.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	9.4 mg/kg	1.32	12.411 mg/kg	0.00124 %	✔	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.55 mg/kg	2.775	1.526 mg/kg	0.000153 %	✔	
4	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]	0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %	✔	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	12 mg/kg	1.462	17.539 mg/kg	0.00175 %	✔	
7	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	19.14 mg/kg	0.00191 %	✔	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			4.8 mg/kg		4.8 mg/kg	0.00048 %	✔	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) }	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]	17 mg/kg	1.273	21.634 mg/kg	0.00216 %	✔	
12	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }	034-002-00-8			<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	21 mg/kg	1.785	37.489 mg/kg	0.00375 %	✔	

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
14	zinc { zinc sulphate }				11	mg/kg	2.469	27.162	mg/kg	0.00272 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
16	phenol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
17	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
21	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
26	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
27	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
28	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
29	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
30	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
31	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
32	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
33	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
34	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
35	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
36	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
37	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
38	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
39	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
Total:										0.0163 %		

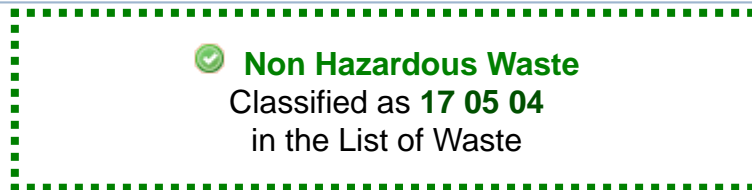


Key

---

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

## Classification of sample: RTP185



### Sample details

Sample name:	RTP185	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.20-0.40 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)

### Hazard properties

None identified

### Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				48	mg/kg	1.32	63.376	mg/kg	0.00634 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.83	mg/kg	2.775	2.304	mg/kg	0.00023 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				2.4	mg/kg	5.719	13.726	mg/kg	0.00137 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20	mg/kg	1.462	29.231	mg/kg	0.00292 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				50	mg/kg	1.126	56.294	mg/kg	0.00563 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	18	mg/kg		18	mg/kg	0.0018 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				18	mg/kg	1.273	22.907	mg/kg	0.00229 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.8	mg/kg	1.405	2.529	mg/kg	0.000253 %	✓	
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				70 mg/kg	2.469	172.851 mg/kg	0.0173 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				580 mg/kg		580 mg/kg	0.058 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				1.7 mg/kg		1.7 mg/kg	0.00017 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				0.21 mg/kg		0.21 mg/kg	0.000021 %	✓	
		201-469-6	83-32-9							
27	fluorene				0.17 mg/kg		0.17 mg/kg	0.000017 %	✓	
		201-695-5	86-73-7							
28	phenanthrene				0.86 mg/kg		0.86 mg/kg	0.000086 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.12 mg/kg		0.12 mg/kg	0.000012 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				0.62 mg/kg		0.62 mg/kg	0.000062 %	✓	
		205-912-4	206-44-0							
31	pyrene				0.51 mg/kg		0.51 mg/kg	0.000051 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.28 mg/kg		0.28 mg/kg	0.000028 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.3 mg/kg		0.3 mg/kg	0.00003 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				0.3 mg/kg		0.3 mg/kg	0.00003 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.13 mg/kg		0.13 mg/kg	0.000013 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.2 mg/kg		0.2 mg/kg	0.00002 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				0.1 mg/kg		0.1 mg/kg	0.00001 %	✓	
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				0.15 mg/kg		0.15 mg/kg	0.000015 %	✓	
		205-883-8	191-24-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

**Supplementary Hazardous Property Information**

---

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

Force this Hazardous property to non hazardous because **Not flammable, given nature of material and storage environment**


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.058%)

## Classification of sample: RTP186[2]


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

### Sample details

Sample name:	LoW Code:	
<b>RTP186[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>4.00-4.20 m</b>		

### Hazard properties

None identified

### Determinands

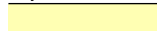



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.8	mg/kg	2.775	10.546	mg/kg	0.00105 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				3.8	mg/kg	5.719	21.733	mg/kg	0.00217 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				61	mg/kg	1.462	89.155	mg/kg	0.00892 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				93	mg/kg	1.126	104.708	mg/kg	0.0105 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	40	mg/kg		40	mg/kg	0.004 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				53	mg/kg	1.273	67.447	mg/kg	0.00674 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

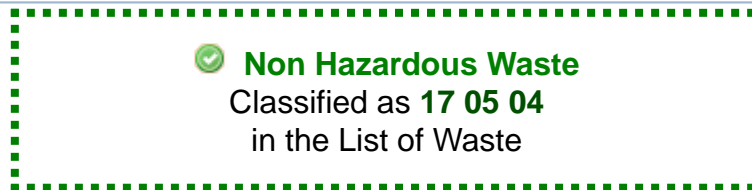
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				69 mg/kg	2.469	170.381 mg/kg	0.017 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				0.06 mg/kg		0.06 mg/kg	0.000006 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				0.06 mg/kg		0.06 mg/kg	0.000006 %	✓	
		201-581-5	85-01-8							
29	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
30	fluoranthene				0.08 mg/kg		0.08 mg/kg	0.000008 %	✓	
		205-912-4	206-44-0							
31	pyrene				0.09 mg/kg		0.09 mg/kg	0.000009 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<b>&lt;LOD</b>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

## Classification of sample: RTP134[2]



### Sample details

Sample name:	RTP134[2]	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.10-0.30 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)

### Hazard properties

None identified

### Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15	mg/kg	1.32	19.805	mg/kg	0.00198 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %	✓	
4	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]	2.2	mg/kg	5.719	12.582	mg/kg	0.00126 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	30	mg/kg	1.462	43.847	mg/kg	0.00438 %	✓	
7	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	30	mg/kg	1.126	33.777	mg/kg	0.00338 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	34	mg/kg	34	mg/kg	0.0034 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) }	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]	27	mg/kg	1.273	34.36	mg/kg	0.00344 %	✓	
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			1.6	mg/kg	1.405	2.248	mg/kg	0.000225 %	✓	
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	39	mg/kg	1.785	69.622	mg/kg	0.00696 %	✓	



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				96 mg/kg	2.469	237.052 mg/kg	0.0237 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				19 mg/kg		19 mg/kg	0.0019 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				0.56 mg/kg		0.56 mg/kg	0.000056 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.14 mg/kg		0.14 mg/kg	0.000014 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				0.93 mg/kg		0.93 mg/kg	0.000093 %	✓	
		205-912-4	206-44-0							
31	pyrene				0.76 mg/kg		0.76 mg/kg	0.000076 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.39 mg/kg		0.39 mg/kg	0.000039 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.49 mg/kg		0.49 mg/kg	0.000049 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				0.57 mg/kg		0.57 mg/kg	0.000057 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.27 mg/kg		0.27 mg/kg	0.000027 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.52 mg/kg		0.52 mg/kg	0.000052 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				0.24 mg/kg		0.24 mg/kg	0.000024 %	✓	
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				0.28 mg/kg		0.28 mg/kg	0.000028 %	✓	
		205-883-8	191-24-2							
Total:								0.0522 %		

Key

---

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

**Supplementary Hazardous Property Information**

---

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

Force this Hazardous property to non hazardous because **Not flammable, given nature of material and storage environment**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0019%)

## Classification of sample: RTP124[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RTP124[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.20-0.40 m</b>		

### Hazard properties

None identified

### Determinands

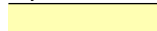



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }				98	mg/kg	1.32	129.392	mg/kg	0.0129 %	✔	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				2.4	mg/kg	2.775	6.661	mg/kg	0.000666 %	✔	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				7	mg/kg	5.719	40.034	mg/kg	0.004 %	✔	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				35	mg/kg	1.462	51.154	mg/kg	0.00512 %	✔	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				71	mg/kg	1.126	79.938	mg/kg	0.00799 %	✔	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28	mg/kg		28	mg/kg	0.0028 %	✔	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				38	mg/kg	1.273	48.359	mg/kg	0.00484 %	✔	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				78	mg/kg	1.785	139.244	mg/kg	0.0139 %	✔	
	023-001-00-8	215-239-8	1314-62-1									


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
14	zinc { zinc sulphate }				34	mg/kg	2.469	83.956	mg/kg	0.0084 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
16	phenol				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
17	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
21	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
24	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
25	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
26	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
27	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
28	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
29	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
30	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
31	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
32	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
33	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
34	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
35	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
36	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
37	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
38	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
39	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
Total:										0.0626 %		

Key

---

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

## Classification of sample: RTP138[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RTP138[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.10-0.30 m</b>		

### Hazard properties

None identified

### Determinands

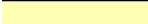



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				7.9	pH		7.9	pH	7.9 pH		
2	arsenic { arsenic trioxide }				19	mg/kg	1.32	25.086	mg/kg	0.00251 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.6	mg/kg	2.775	4.441	mg/kg	0.000444 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				2.6	mg/kg	5.719	14.87	mg/kg	0.00149 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				34	mg/kg	1.462	49.693	mg/kg	0.00497 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				38	mg/kg	1.126	42.784	mg/kg	0.00428 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	48	mg/kg		48	mg/kg	0.0048 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				35	mg/kg	1.273	44.541	mg/kg	0.00445 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc sulphate }				99 mg/kg	2.469	244.46	mg/kg	0.0244 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
16	phenol				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH								
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
20	benzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
21	toluene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
22	ethylbenzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
23	xylene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
24	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
25	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
26	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
27	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
28	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
29	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
30	fluoranthene				0.07 mg/kg		0.07	mg/kg	0.000007 %	✓	
		205-912-4	206-44-0								
31	pyrene				0.06 mg/kg		0.06	mg/kg	0.000006 %	✓	
		204-927-3	129-00-0								
32	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
33	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2								
Total:									0.0575 %		

Key

---

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



## Classification of sample: RTP154[2]

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

### Sample details

Sample name:	LoW Code:	
<b>RTP154[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.50-0.70 m</b>		

### Hazard properties

None identified

### Determinands

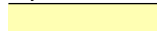



Moisture content: 0% Dry Weight Moisture Correction applied (MC)

#	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				8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }				17	mg/kg	1.32	22.446	mg/kg	0.00224 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.89	mg/kg	2.775	2.47	mg/kg	0.000247 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				1.6	mg/kg	5.719	9.151	mg/kg	0.000915 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17	mg/kg	1.462	24.846	mg/kg	0.00248 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				110	mg/kg	1.126	123.848	mg/kg	0.0124 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	9.5	mg/kg		9.5	mg/kg	0.00095 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				21	mg/kg	1.273	26.724	mg/kg	0.00267 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	60.696	mg/kg	0.00607 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

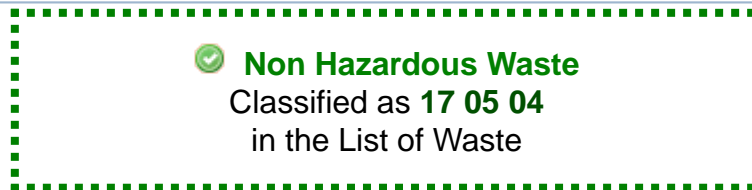
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				17 mg/kg	2.469	41.978 mg/kg	0.0042 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
29	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
30	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0341 %		

Key

---

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

## Classification of sample: RTP150



### Sample details

Sample name:	RTP150	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	1.10-1.20 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)

### Hazard properties

None identified

### Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				130	mg/kg	1.32	171.642	mg/kg	0.0172 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				3.3	mg/kg	2.775	9.159	mg/kg	0.000916 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				1	mg/kg	5.719	5.719	mg/kg	0.000572 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				60	mg/kg	1.462	87.693	mg/kg	0.00877 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				100	mg/kg	1.126	112.589	mg/kg	0.0113 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	42	mg/kg		42	mg/kg	0.0042 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				56	mg/kg	1.273	71.265	mg/kg	0.00713 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				130	mg/kg	1.785	232.074	mg/kg	0.0232 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				89 mg/kg	2.469	219.767 mg/kg	0.022 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				54 mg/kg		54 mg/kg	0.0054 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
27	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
28	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
29	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
30	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
31	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
32	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

**Supplementary Hazardous Property Information**

---

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

Force this Hazardous property to non hazardous because **Not flammable, given nature of material and storage environment**


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0054%)

## Classification of sample: TRP142


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

### Sample details

Sample name:	LoW Code:	
<b>TRP142</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.30-0.40 m</b>		

### 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				8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }				120	mg/kg	1.32	158.439	mg/kg	0.0158 %	✓	
3	beryllium { beryllium oxide }				2.5	mg/kg	2.775	6.938	mg/kg	0.000694 %	✓	
4	boron { boric acid; [1] boric acid; [2] }				17	mg/kg	5.719	97.226	mg/kg	0.00972 %	✓	
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				97	mg/kg	1.462	141.771	mg/kg	0.0142 %	✓	
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }				280	mg/kg	1.126	315.249	mg/kg	0.0315 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	54	mg/kg		54	mg/kg	0.0054 %	✓	
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) }				210	mg/kg	1.273	267.244	mg/kg	0.0267 %	✓	
12	selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex }				5.2	mg/kg	1.405	7.306	mg/kg	0.000731 %	✓	
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				92	mg/kg	1.785	164.237	mg/kg	0.0164 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
14	zinc { zinc sulphate }				350 mg/kg	2.469	864.254 mg/kg	0.0864 %	✓		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
15	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
16	TPH (C6 to C40) petroleum group				336 mg/kg		336 mg/kg	0.0336 %	✓		
			TPH								
17	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
18	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
19	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
20	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
21	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
22	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
23	naphthalene				0.3 mg/kg		0.3 mg/kg	0.00003 %	✓		
	601-052-00-2	202-049-5	91-20-3								
24	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-917-1	208-96-8								
25	acenaphthene				0.11 mg/kg		0.11 mg/kg	0.000011 %	✓		
		201-469-6	83-32-9								
26	fluorene				0.09 mg/kg		0.09 mg/kg	0.000009 %	✓		
		201-695-5	86-73-7								
27	phenanthrene				0.55 mg/kg		0.55 mg/kg	0.000055 %	✓		
		201-581-5	85-01-8								
28	anthracene				0.08 mg/kg		0.08 mg/kg	0.000008 %	✓		
		204-371-1	120-12-7								
29	fluoranthene				0.56 mg/kg		0.56 mg/kg	0.000056 %	✓		
		205-912-4	206-44-0								
30	pyrene				0.53 mg/kg		0.53 mg/kg	0.000053 %	✓		
		204-927-3	129-00-0								
31	benzo[a]anthracene				0.23 mg/kg		0.23 mg/kg	0.000023 %	✓		
	601-033-00-9	200-280-6	56-55-3								
32	chrysene				0.3 mg/kg		0.3 mg/kg	0.00003 %	✓		
	601-048-00-0	205-923-4	218-01-9								
33	benzo[b]fluoranthene				0.31 mg/kg		0.31 mg/kg	0.000031 %	✓		
	601-034-00-4	205-911-9	205-99-2								
34	benzo[k]fluoranthene				0.08 mg/kg		0.08 mg/kg	0.000008 %	✓		
	601-036-00-5	205-916-6	207-08-9								
35	benzo[a]pyrene; benzo[def]chrysene				0.15 mg/kg		0.15 mg/kg	0.000015 %	✓		
	601-032-00-3	200-028-5	50-32-8								
36	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-893-2	193-39-5								
37	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
38	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
Total:									0.242 %		



Key

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because Not flammable, given nature of material and storage environment

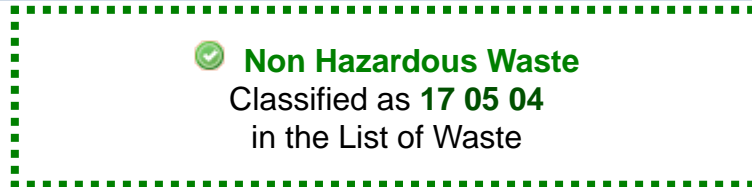
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0336%)

## Classification of sample: TRP143[2]



### Sample details

Sample name:	LoW Code:	
<b>TRP143[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.90-1.00 m</b>		

### 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				7.4	pH		7.4	pH	7.4 pH		
2	arsenic { arsenic trioxide }				17	mg/kg	1.32	22.446	mg/kg	0.00224 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.718	mg/kg	0.000472 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				13	mg/kg	5.719	74.35	mg/kg	0.00743 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				0.7	mg/kg	1.142	0.8	mg/kg	0.00008 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				41	mg/kg	1.462	59.924	mg/kg	0.00599 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				48	mg/kg	1.126	54.043	mg/kg	0.0054 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	140	mg/kg		140	mg/kg	0.014 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				41	mg/kg	1.273	52.176	mg/kg	0.00522 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	73.193	mg/kg	0.00732 %	✓	
	023-001-00-8	215-239-8	1314-62-1									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				110 mg/kg	2.469	271.623 mg/kg	0.0272 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				82 mg/kg		82 mg/kg	0.0082 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				0.93 mg/kg		0.93 mg/kg	0.000093 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
26	acenaphthene				0.18 mg/kg		0.18 mg/kg	0.000018 %	✓	
		201-469-6	83-32-9							
27	fluorene				0.35 mg/kg		0.35 mg/kg	0.000035 %	✓	
		201-695-5	86-73-7							
28	phenanthrene				1.2 mg/kg		1.2 mg/kg	0.00012 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.27 mg/kg		0.27 mg/kg	0.000027 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				0.53 mg/kg		0.53 mg/kg	0.000053 %	✓	
		205-912-4	206-44-0							
31	pyrene				0.48 mg/kg		0.48 mg/kg	0.000048 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.26 mg/kg		0.26 mg/kg	0.000026 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.31 mg/kg		0.31 mg/kg	0.000031 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				0.29 mg/kg		0.29 mg/kg	0.000029 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.08 mg/kg		0.08 mg/kg	0.000008 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.17 mg/kg		0.17 mg/kg	0.000017 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0849 %		

Key

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

**Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because **Not flammable, given nature of material and storage environment**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0082%)

Classification of sample: TRP143[3]

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

Sample details

Sample name:	LoW Code:
<b>TRP143[3]</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
<b>1.50-1.60 m</b>	

Hazard properties

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

Force this Hazardous property to hazardous because Not flammable, given nature of material and storage environment

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.26%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.26%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.26%)

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				8.3	pH		8.3	pH	8.3 pH		
2	arsenic { arsenic trioxide }				38	mg/kg	1.32	50.172	mg/kg	0.00502 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.8	mg/kg	2.775	4.996	mg/kg	0.0005 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				5	mg/kg	5.719	28.596	mg/kg	0.00286 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									

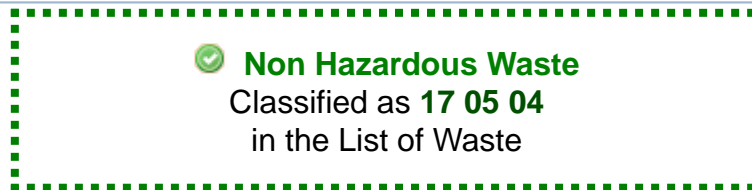
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				41 mg/kg	1.462	59.924 mg/kg	0.00599 %	✓	
7	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0   215-607-8   1333-82-0				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %		<LOD
8	copper { dicopper oxide; copper (I) oxide } 029-002-00-X   215-270-7   1317-39-1				81 mg/kg	1.126	91.197 mg/kg	0.00912 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6			1	25 mg/kg		25 mg/kg	0.0025 %	✓	
10	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) oxide (nickel monoxide) } 028-003-00-2   215-215-7 [1]   1313-99-1 [1] 234-323-5 [2] - [3]   11099-02-8 [2]   34492-97-2 [3]				44 mg/kg	1.273	55.994 mg/kg	0.0056 %	✓	
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8   215-239-8   1314-62-1				57 mg/kg	1.785	101.756 mg/kg	0.0102 %	✓	
14	zinc { zinc sulphate } 030-006-00-9   231-793-3 [1]   7446-19-7 [1] 231-793-3 [2]   7733-02-0 [2]				81 mg/kg	2.469	200.013 mg/kg	0.02 %	✓	
15	phenol 604-001-00-2   203-632-7   108-95-2				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
16	TPH (C6 to C40) petroleum group TPH				2600 mg/kg		2600 mg/kg	0.26 %	✓	
17	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
18	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X   216-653-1   1634-04-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
19	benzene 601-020-00-8   200-753-7   71-43-2				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
20	toluene 601-021-00-3   203-625-9   108-88-3				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
21	ethylbenzene 601-023-00-4   202-849-4   100-41-4				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
22	xylene 601-022-00-9   202-422-2 [1]   95-47-6 [1] 203-396-5 [2]   106-42-3 [2] 203-576-3 [3]   108-38-3 [3] 215-535-7 [4]   1330-20-7 [4]				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
23	naphthalene 601-052-00-2   202-049-5   91-20-3				1.5 mg/kg		1.5 mg/kg	0.00015 %	✓	
24	acenaphthylene 205-917-1   208-96-8				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	acenaphthene 201-469-6   83-32-9				1.8 mg/kg		1.8 mg/kg	0.00018 %	✓	
26	fluorene 201-695-5   86-73-7				2 mg/kg		2 mg/kg	0.0002 %	✓	
27	phenanthrene 201-581-5   85-01-8				7.3 mg/kg		7.3 mg/kg	0.00073 %	✓	
28	anthracene 204-371-1   120-12-7				1.5 mg/kg		1.5 mg/kg	0.00015 %	✓	
29	fluoranthene 205-912-4   206-44-0				12 mg/kg		12 mg/kg	0.0012 %	✓	

#	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							
30	pyrene	204-927-3	129-00-0		13 mg/kg		13 mg/kg	0.0013 %	✓	
31	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	5.7 mg/kg		5.7 mg/kg	0.00057 %	✓	
32	chrysene	601-048-00-0	205-923-4	218-01-9	7.4 mg/kg		7.4 mg/kg	0.00074 %	✓	
33	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	6.1 mg/kg		6.1 mg/kg	0.00061 %	✓	
34	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	2 mg/kg		2 mg/kg	0.0002 %	✓	
35	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	5.5 mg/kg		5.5 mg/kg	0.00055 %	✓	
36	indeno[123-cd]pyrene	205-893-2	193-39-5		2.5 mg/kg		2.5 mg/kg	0.00025 %	✓	
37	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.85 mg/kg		0.85 mg/kg	0.000085 %	✓	
38	benzo[ghi]perylene	205-883-8	191-24-2		2.5 mg/kg		2.5 mg/kg	0.00025 %	✓	
Total:								0.33 %		

Key

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

## Classification of sample: RBH125[2]



### Sample details

Sample name:	LoW Code:	
<b>RBH125[2]</b>	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
<b>0.00-0.10 m</b>		

### 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				7.1	pH		7.1	pH	7.1 pH		
2	arsenic { arsenic trioxide }				41	mg/kg	1.32	54.133	mg/kg	0.00541 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.7	mg/kg	2.775	4.718	mg/kg	0.000472 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boric acid; [1] boric acid; [2] }				1.5	mg/kg	5.719	8.579	mg/kg	0.000858 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]									
5	cadmium { cadmium oxide }				3.9	mg/kg	1.142	4.455	mg/kg	0.000446 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				93	mg/kg	1.462	135.925	mg/kg	0.0136 %	✓	
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				120	mg/kg	1.126	135.107	mg/kg	0.0135 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	150	mg/kg		150	mg/kg	0.015 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				1.5	mg/kg	1.353	2.03	mg/kg	0.000203 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) oxide (nickel monoxide) }				89	mg/kg	1.273	113.261	mg/kg	0.0113 %	✓	
	028-003-00-2	215-215-7 [1] 234-323-5 [2] - [3]	1313-99-1 [1] 11099-02-8 [2] 34492-97-2 [3]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				56	mg/kg	1.785	99.97	mg/kg	0.01 %	✓	
	023-001-00-8	215-239-8	1314-62-1									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
14	zinc { zinc sulphate }				520 mg/kg	2.469	1284.034 mg/kg	0.128 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				7.9 mg/kg	1.884	14.884 mg/kg	0.00149 %	✓	
	006-007-00-5									
16	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
17	TPH (C6 to C40) petroleum group				99 mg/kg		99 mg/kg	0.0099 %	✓	
			TPH							
18	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
24	naphthalene				0.67 mg/kg		0.67 mg/kg	0.000067 %	✓	
	601-052-00-2	202-049-5	91-20-3							
25	acenaphthylene				0.12 mg/kg		0.12 mg/kg	0.000012 %	✓	
		205-917-1	208-96-8							
26	acenaphthene				0.18 mg/kg		0.18 mg/kg	0.000018 %	✓	
		201-469-6	83-32-9							
27	fluorene				0.11 mg/kg		0.11 mg/kg	0.000011 %	✓	
		201-695-5	86-73-7							
28	phenanthrene				1.3 mg/kg		1.3 mg/kg	0.00013 %	✓	
		201-581-5	85-01-8							
29	anthracene				0.28 mg/kg		0.28 mg/kg	0.000028 %	✓	
		204-371-1	120-12-7							
30	fluoranthene				1.6 mg/kg		1.6 mg/kg	0.00016 %	✓	
		205-912-4	206-44-0							
31	pyrene				1 mg/kg		1 mg/kg	0.0001 %	✓	
		204-927-3	129-00-0							
32	benzo[a]anthracene				0.63 mg/kg		0.63 mg/kg	0.000063 %	✓	
	601-033-00-9	200-280-6	56-55-3							
33	chrysene				0.82 mg/kg		0.82 mg/kg	0.000082 %	✓	
	601-048-00-0	205-923-4	218-01-9							
34	benzo[b]fluoranthene				1.2 mg/kg		1.2 mg/kg	0.00012 %	✓	
	601-034-00-4	205-911-9	205-99-2							
35	benzo[k]fluoranthene				0.55 mg/kg		0.55 mg/kg	0.000055 %	✓	
	601-036-00-5	205-916-6	207-08-9							
36	benzo[a]pyrene; benzo[def]chrysene				0.72 mg/kg		0.72 mg/kg	0.000072 %	✓	
	601-032-00-3	200-028-5	50-32-8							
37	indeno[123-cd]pyrene				0.69 mg/kg		0.69 mg/kg	0.000069 %	✓	
		205-893-2	193-39-5							
38	dibenz[a,h]anthracene				0.19 mg/kg		0.19 mg/kg	0.000019 %	✓	
	601-041-00-2	200-181-8	53-70-3							
39	benzo[ghi]perylene				0.86 mg/kg		0.86 mg/kg	0.000086 %	✓	
		205-883-8	191-24-2							
Total:								0.212 %		

Key

---

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

**Supplementary Hazardous Property Information**

---

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

Force this Hazardous property to non hazardous because **Not flammable, given nature of material and storage environment**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0099%)

## Appendix A: Classifier defined and non GB MCL determinands

---

### ▪ pH (CAS Number: PH)

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

---

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

Description/Comments: Data from C&L Inventory Database  
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>  
Data source date: 17 Jul 2015  
Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

---

### ▪ lead compounds with the exception of those specified elsewhere in this Annex

GB MCL index number: 082-001-00-6  
Description/Comments: Least-worst case: 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](http://www.reach-lead.eu/substanceinformation.html). Review date 29/09/2015

---

### ▪ salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5  
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide  
Additional Hazard Statement(s): EUH032 >= 0.2 %  
Reason for additional Hazards Statement(s):  
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

---

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, STOT RE 2; H373, Muta. 1B; H340, Carc. 1B; H350, Repr. 2; H361d, Aquatic Chronic 2; H411

---

### ▪ confirm TPH has NOT arisen from diesel or petrol

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: None.

---

### ▪ 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

---

### ▪ 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

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

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

### beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics.

### boron {boric acid; [1] boric acid; [2]}

Most common species found in the environment.

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history.

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

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

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

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

**copper {dicopper oxide; copper (I) oxide}**

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

**lead {lead compounds with the exception of those specified elsewhere in this Annex}**

Most applicable species.

**mercury {mercury dichloride}**

Worst case CLP species based on hazard statements/molecular weight.

**nickel {nickel(II) oxide (nickel monoxide)}**

Most common nickel species.

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

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

**vanadium {divanadium pentaoxide; vanadium pentoxide}**

Only vanadium species available.

**zinc {zinc sulphate}**

Most common zinc species.

**cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}**

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide].

**Appendix C: Version**

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

HazWasteOnline Classification Engine Version: 2024.114.6027.11166 (23 Apr 2024)

HazWasteOnline Database: 2024.114.6027.11166 (23 Apr 2024)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2020 No. 1540 of 16th December 2020

**GB MCL List** - version 1.1 of 09 June 2021

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

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

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