

Appendix C. Contamination Assessment

Summary Results Sheet

Job Name Margam Substation - LOR
Job Number 30004595
Assessment Threshold Used Commercial



Determinant	Units	GAC	n	Max Conc	Exceedance Location	Pathway	Assessment
pH	pH		43	pH 5.4-10.6			
Sulphate (water sol 2:1) (mg/l)	mg/l		-				
Arsenic	mg/kg	640	42	86.00	N/A	1	
Boron	mg/kg	240000	42	13.00	N/A	1	
Cadmium	mg/kg	190	42	4.10	N/A	2	
Copper	mg/kg	68000	42	250.00	N/A	2	
Chromium (Total)	mg/kg	8600	42	490.00	N/A	3	
Chromium (Hexavalent)	mg/kg	33	42	<1	N/A	3	
Cyanide, Free	mg/kg	24	42	1.80	N/A	1	
Lead	mg/kg	2300	42	240.00	N/A	1	
Mercury, Total	mg/kg	58	42	0.23	N/A	4	
Nickel	mg/kg	980	42	46.00	N/A	1,2	
Zinc	mg/kg	73000	42	1100.00	N/A	2	
Asbestos in Soil	%	NAD	42	NAD	N/A	6	
Acenaphthene	mg/kg	84000.0	42	0.06	N/A	1	
Acenaphthylene	mg/kg	83000.0	42	<0.03	N/A	1	
Anthracene	mg/kg	520000.0	42	0.13	N/A	1	
Benzo(a)anthracene	mg/kg	170.0	42	0.31	N/A	1	
Benzo(a)pyrene	mg/kg	35.00	42	0.18	N/A	1	
Benzo(b)fluoranthene	mg/kg	44.00	42	0.44	N/A	1	
Benzo(ghi)perylene	mg/kg	3900.00	42	0.12	N/A	1	
Benzo(k)fluoranthene	mg/kg	1200.00	42	0.15	N/A	1	
Chrysene	mg/kg	350.00	42	0.29	N/A	1	
Dibenzo(ah)anthracene	mg/kg	3.50	42	0.13	N/A	1	
Fluoranthene	mg/kg	23000.0	42	0.70	N/A	1	
Fluorene	mg/kg	63000.0	42	0.07	N/A	1	
Indeno(123-cd)pyrene	mg/kg	500.0	42	0.12	N/A	1	
Naphthalene	mg/kg	190.0	42	0.12	N/A	4	
Phenanthrene	mg/kg	22000.0	42	0.37	N/A	1	
Pyrene	mg/kg	54000.0	42	0.51	N/A	1	
Ali >C5-C6	mg/kg	3200.00	42	<0.01	N/A	4	
Ali >C6-C8	mg/kg	7800.00	42	<0.01	N/A	4	
Ali >C8-C10	mg/kg	2000.00	42	<0.01	N/A	4	
Ali >C10-C12	mg/kg	9700.00	42	11.00	N/A	4	
Ali >C12-C16	mg/kg	59000.00	42	25.00	N/A	4	
Ali >C16-C35	mg/kg	16000.00	42	803.00	N/A	1	
Aro >C5-C7	mg/kg	26000.00	42	<0.01	N/A	4	
Aro >C7-C8	mg/kg	56000.00	42	<0.01	N/A	4	
Aro >C8-C10	mg/kg	3500.00	42	<0.01	N/A	4	
Aro >C10-C12	mg/kg	16000.00	42	14.00	N/A	4	
Aro >C12-C16	mg/kg	36000.00	42	58.00	N/A	1	
Aro >C16-C21	mg/kg	28000.00	42	250.00	N/A	1	
Aro >C21-C35	mg/kg	28000.00	42	1400.00	N/A	1	
BTEX - Benzene	mg/kg	27.00	42	<0.01	N/A	4	
BTEX - Toluene	mg/kg	56000.00	42	0.07	N/A	4	
BTEX - Ethyl Benzene	mg/kg	5700.00	42	<0.01	N/A	4	
BTEX - o Xylene	mg/kg	5900.00	42	<0.01	N/A	4	
BTEX - p & m Xylene	mg/kg	5900.00	42	<0.01	N/A	4	
MTBE	mg/kg	7900.00	42	<0.01	N/A	4	
Phenol	mg/kg	760.00	42	21.00	N/A	2	

Summary Results Sheet - Leachates

Project Name
Project No
Date

Margam Substation - LOR
30004595
14/01/2025

SAMPLE TYPE	WATER	WATER	WATER	WATER	WATER	WATER	GAC	Source	n	MAX	No. of Samples Exceeding Threshold
SAMPLE LOCATION	BH111	TP101	TP105A	TP105	TP115	BH106	ug/l				
DEPTH (m)	0.25	0.50	1.40	0.40	0.20	0.25					
pH	7.1	6.8	8	7.7	6.7	8	6.5-9.5	UKDWS	6	8	0
Total Cyanide	< 0.1	< 0.1	0.3	0.2	0.4	< 0.1	50	UKDWS	6	0.4	0
Sulphate as SO4 (mg/l)	4	1.7	9.5	7.2	4.3	3	250	UKDWS	6	9.5	0
Total Phenols	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.7	EQS (FW)		<1.0	0
Anthracene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	100	Inland EQS	6	< 0.01	0
Benzo(a)anthracene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	See BaP	6	< 0.01	0
Benzo(a)pyrene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.17	Inland EQS	6	< 0.01	0
Benzo(b)fluoranthene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	PAH sum4	6	< 0.01	0
Benzo(ghi)perylene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	PAH sum4	6	< 0.01	0
Benzo(k)fluoranthene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	PAH sum4	6	< 0.01	0
Fluoranthene	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	6.3	Inland EQS	6	0.02	0
Indeno(123-cd)pyrene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	-	PAH sum 4	6	< 0.01	0
Naphthalene	< 0.05	< 0.05	< 0.05	< 0.05	0.08	< 0.05	2	Inland EQS	6	0.08	0
Arsenic	3.6	1.3	5.9	2.2	2.6	0.61	10	UKDWS	6	5.9	0
Boron	54	< 12	31	14	27	< 12	1000	UKDWS	6	54	0
Cadmium	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.63	50	UKDWS	6	0.63	0
Copper	2.4	0.5	0.8	0.9	3.7	1.2	2000	UKDWS	6	3.7	0
Chromium (total)	0.4	< 0.25	< 0.25	< 0.25	0.46	0.26	50	UKDWS	6	0.46	0
Lead	0.5	< 0.09	< 0.09	0.19	2.3	0.16	10	UKDWS	6	2.3	0
Mercury	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1	UKDWS	6	<0.01	0
Nickel	< 0.5	< 0.5	< 0.5	< 0.5	1	< 0.5	20	UKDWS	6	1	0
Zinc	6	1.9	2.3	< 1.3	14	69	5000	UKDWS	6	69	0
BTEX - Benzene	< 1	< 1	< 1	< 1	< 1	< 1	1	UKDWS	6	<1	0
BTEX - Toluene	< 1	< 1	< 1	< 1	< 1	< 1	74	EQS (FW)	6	<1	0
BTEX - Ethyl Benzene	< 1	< 1	< 1	< 1	< 1	< 1	20	EA R&D P2-115	6	<1	0
BTEX - o Xylene	< 1	< 1	< 1	< 1	< 1	< 1	30	EQS Total Xylene	6	<1	0
MTBE	< 1	< 1	< 1	< 1	< 1	< 1	15	WHO	6	<1	0

Summary Results Sheet - Waters

Project Name
Project No
Date

Margam Substation - LOR
30004595
14/01/2025

SAMPLE TYPE	WATER	GAC	Source		MAX	No. of Samples Exceeding Threshold
SAMPLE LOCATION	BH112					
DEPTH (m)	4.50	ug/l				
pH	7.1	6.5-9.5	UKDWS		7.1	0
Total Cyanide	1	50	UKDWS		1	0
Sulphate as SO4 (mg/l)	140	250	UKDWS		140	0
Total Phenols	4.1	7.7	EQS (FW)		4.1	0
Anthracene	< 0.01	100	Inland EQS		<0.01	0
Benzo(a)pyrene	< 0.01	0.17	Inland EQS		<0.01	0
Benzo(b)fluoranthene	< 0.01	-	PAH sum4		<0.01	0
Benzo(ghi)perylene	< 0.01	-	PAH sum4		<0.01	0
Benzo(k)fluoranthene	< 0.01	-	PAH sum4		<0.01	0
Fluoranthene	< 0.01	6.3	Inland EQS		<0.01	0
Indeno(123-cd)pyrene	< 0.01	-	PAH sum 4		<0.01	0
Naphthalene	0.06	2	Inland EQS		0.06	0
Arsenic	0.62	10	UKDWS		0.62	0
Boron	280	1000	UKDWS		280	0
Cadmium	< 0.03	50	UKDWS		<0.03	0
Copper	< 0.4	2000	UKDWS		<0.4	0
Chromium (total)	< 0.25	50	UKDWS		<0.25	0
Lead	< 0.09	10	UKDWS		<0.09	0
Mercury	< 0.01	1	UKDWS		<0.01	0
Nickel	2.8	20	UKDWS		2.8	0
Zinc	100	5000	UKDWS		100	0
Ali >C5-C6	< 0.1	10	UKDWS		<0.1	0
Ali >C6-C8	< 0.1	10	UKDWS		<0.1	0
Ali >C8-C10	< 0.1	10	UKDWS		<0.1	0
Ali >C10-C12	< 1.0	10	UKDWS		<1.0	0
Ali >C12-C16	< 1.0	10	UKDWS		<1.0	0
Ali >C16-C21	< 1.0	10	UKDWS		<1.0	0
Ali >C21-C35	< 1.0	10	UKDWS		<1.0	0
Aro >C5-C7	< 0.1	10	UKDWS		<0.1	0
Aro >C7-C8	< 0.1	10	UKDWS		<0.1	0
Aro >C8-C10	< 0.1	10	UKDWS		<0.1	0
Aro >C10-C12	< 1.0	10	UKDWS		<1.0	0
Aro >C12-C16	< 1.0	10	UKDWS		<1.0	0
Aro >C16-C21	< 1.0	10	UKDWS		<1.0	0
Aro >C21-C35	< 1.0	10	UKDWS		<1.0	0
BTEX - Benzene	< 1	1	UKDWS		<1	0
BTEX - Toluene	< 1	74	EQS (FW)		<1	0
BTEX - Ethyl Benzene	< 1	20	EA R&D P2-115		<1	0
BTEX - o Xylene	< 1	30	EQS Total Xylene		<1	0
BTEX - m Xylene	<2	30	EQS Total Xylene		<2	0
MTBE	< 1	15	DWS		<1	0

Waste Classification Report

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

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

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



XVN11-6JED2-R3NLZ

Report is invalid if pages are removed.

Job name

Sample Selection

Description/Comments

Classification of soil waste comprising near surface soils including localised made ground (TP05, TP05A and TP05B) which may be surplus following excavation for foundation. The site comprises undeveloped, heavily vegetated open ground. Adjacent to existing substation.

Hexavalent Chromium screening on all 42no. samples tested returned results below the LoD of 1.0mg/kg. Chromate compounds have therefore been excluded from the assessment.

Hydrocarbon values above the LoD recorded in 3no. locations (TP114 0.15m, TP115 0.2m, BH108 0.25m) from a total of 42no.

Asbestos was not detected within any of the 42no. samples screened.

Project

Margam Phase 1

Site

Margam, Port Talbot

Classified by

Name:
Tim Mitchell
Date:
17 Jan 2025 15:11 GMT
Telephone:
+447823367803

Company:
BakerHicks
Kent House, 14-17 Market Place
London
W1W 8AJ

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

HazWasteOnline™ Certification:

CERTIFIED

Course

Hazardous Waste Classification

Date

05 Dec 2024

Next 3 year Refresher due by Dec 2027

Purpose of classification

2 - Material Characterisation

Address of the waste

Proposed Substation, Margam, Port Talbot

Post Code N/A

SIC for the process giving rise to the waste

42220 Construction of utility projects for electricity and telecommunications

Description of industry/producer giving rise to the waste

Construction of new substation and associated infrastructure on current open land to east of existing Margam Substation. Excavations to comprise foundations for new structures and near surface formation.

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

Excess arisings created during excavation of building foundations and near surface formation.

Description of the waste

Topsoil - soft dark brown slightly sandy organic clay
Made ground (TP05, TP05A and TP05B) - 1. granular and cohesive material - light brown clay bound sandy gravel with a high cobble content of concrete and slag), 2. black slightly clayey gravelly sand with some ash, 3. soft dark grey slightly sandy gravelly clay.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH103[3]	0.5	Non Hazardous		3
2	TP101[3]	0.25	Non Hazardous		5
3	BH112[2]	0.5	Non Hazardous		7
4	TP103[2]	0.5	Non Hazardous		9
5	TP104[2]	0.5	Non Hazardous		11
6	TP105[3]	0.15	Non Hazardous		13
7	TP105A[3]	0.15	Non Hazardous		15
8	TP105A[4]	1.4	Non Hazardous		17
9	TP111[2]	0.25	Non Hazardous		19
10	TP118[2]	0.25	Non Hazardous		21
11	TP115[2]	0.2	Hazardous	HP 3(i), HP 7, HP 11	23

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Tim Mitchell

Created date: 17 Jan 2025 15:11 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	26
Appendix B: Rationale for selection of metal species	27
Appendix C: Version	28

Classification of sample: BH103[3]

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

Sample details

Sample name:	LoW Code:	
BH103[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	21	mg/kg		21	mg/kg	0.0021 %		
2	boron { diboron trioxide } 005-008-00-8 215-125-8 1303-86-2				1.4	mg/kg	3.22	4.508	mg/kg	0.000451 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				31	mg/kg	1.462	45.308	mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				26	mg/kg	1.126	29.273	mg/kg	0.00293 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	22	mg/kg		22	mg/kg	0.0022 %		
8	mercury(II) sulfide 215-696-3 1344-48-5				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	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]				33	mg/kg		33	mg/kg	0.0033 %		
10	trizinc bis(orthophosphate) 030-011-00-6 231-944-3 7779-90-0				96	mg/kg		96	mg/kg	0.0096 %		
11	pH PH				8.3	pH		8.3	pH	8.3 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
13	TPH (C6 to C40) petroleum group TPH				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1 208-96-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0265 %		

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: TP101[3]

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

Sample details

Sample name:	LoW Code:	
TP101[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.25 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	3.6	mg/kg		3.6	mg/kg	0.00036 %		
2	boron { diboron trioxide } 005-008-00-8 215-125-8 1303-86-2				<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				8	mg/kg	1.462	11.692	mg/kg	0.00117 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				66	mg/kg	1.126	74.309	mg/kg	0.00743 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	46	mg/kg		46	mg/kg	0.0046 %		
8	mercury(II) sulfide 215-696-3 1344-48-5				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	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]				6.1	mg/kg		6.1	mg/kg	0.00061 %		
10	trizinc bis(orthophosphate) 030-011-00-6 231-944-3 7779-90-0				86	mg/kg		86	mg/kg	0.0086 %		
11	pH PH				8.5	pH		8.5	pH	8.5 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
13	TPH (C6 to C40) petroleum group TPH				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1 208-96-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0243 %		

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: BH112[2]

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

Sample details

Sample name:	LoW Code:	
BH112[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	16 mg/kg		16 mg/kg	0.0016 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.576 mg/kg	0.000258 %		
3	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 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	24 mg/kg		24 mg/kg	0.0024 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	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]		33 mg/kg		33 mg/kg	0.0033 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		110 mg/kg		110 mg/kg	0.011 %		
11	pH PH				7.1 pH		7.1 pH	7.1 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0267 %		

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: TP103[2]

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

Sample details

Sample name:	LoW Code:	
TP103[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	18 mg/kg		18 mg/kg	0.0018 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		<0.2 mg/kg	3.22	<0.644 mg/kg	<0.0000644 %		<LOD
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	21 mg/kg		21 mg/kg	0.0021 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	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]		33 mg/kg		33 mg/kg	0.0033 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		330 mg/kg		330 mg/kg	0.033 %		
11	pH PH				7.6 pH		7.6 pH	7.6 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0483 %		

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: TP104[2]

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

Sample details

Sample name:	LoW Code:	
TP104[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	21 mg/kg		21 mg/kg	0.0021 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		<0.2 mg/kg	3.22	<0.644 mg/kg	<0.0000644 %		<LOD
3	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 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		44 mg/kg	1.462	64.308 mg/kg	0.00643 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	26 mg/kg		26 mg/kg	0.0026 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	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]		38 mg/kg		38 mg/kg	0.0038 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		130 mg/kg		130 mg/kg	0.013 %		
11	pH PH				7.5 pH		7.5 pH	7.5 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0315 %		

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: TP105[3]

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

Sample details

Sample name:	LoW Code:	
TP105[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	7.3	mg/kg		7.3	mg/kg	0.00073 %		
2	boron { diboron trioxide } 005-008-00-8 215-125-8 1303-86-2				0.5	mg/kg	3.22	1.61	mg/kg	0.000161 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.5	mg/kg	1.142	0.571	mg/kg	0.0000571 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				250	mg/kg	1.462	365.389	mg/kg	0.0365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
6	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 %		
7	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 %		
8	mercury(II) sulfide 215-696-3 1344-48-5				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
9	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]				10	mg/kg		10	mg/kg	0.001 %		
10	trizinc bis(orthophosphate) 030-011-00-6 231-944-3 7779-90-0				550	mg/kg		550	mg/kg	0.055 %		
11	pH PH				10.6	pH		10.6	pH	10.6 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
13	TPH (C6 to C40) petroleum group TPH				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1 208-96-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %			
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		0.07 mg/kg		0.07 mg/kg	0.000007 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.08 mg/kg		0.08 mg/kg	0.000008 %			
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.05 mg/kg		0.05 mg/kg	0.000005 %			
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.04 mg/kg		0.04 mg/kg	0.000004 %			
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.07 mg/kg		0.07 mg/kg	0.000007 %			
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	0.3 mg/kg		0.3 mg/kg	0.00003 %			
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.101 %		

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: TP105A[3]

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

Sample details

Sample name:	LoW Code:	
TP105A[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	13 mg/kg		13 mg/kg	0.0013 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		1.1 mg/kg	3.22	3.542 mg/kg	0.000354 %		
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		0.8 mg/kg	1.142	0.914 mg/kg	0.0000914 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		490 mg/kg	1.462	716.162 mg/kg	0.0716 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		50 mg/kg	1.126	56.294 mg/kg	0.00563 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	60 mg/kg		60 mg/kg	0.006 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		0.06 mg/kg		0.06 mg/kg	0.000006 %		
9	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]		28 mg/kg		28 mg/kg	0.0028 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		200 mg/kg		200 mg/kg	0.02 %		
11	pH PH				10 pH		10 pH	10pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		0.1 mg/kg		0.1 mg/kg	0.00001 %			
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		0.06 mg/kg		0.06 mg/kg	0.000006 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.05 mg/kg		0.05 mg/kg	0.000005 %			
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.03 mg/kg		0.03 mg/kg	0.000003 %			
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.04 mg/kg		0.04 mg/kg	0.000004 %			
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.05 mg/kg		0.05 mg/kg	0.000005 %			
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.109 %		

Key

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

Classification of sample: TP105A[4]

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

Sample details

Sample name:	LoW Code:	
TP105A[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	28 mg/kg		28 mg/kg	0.0028 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		2.7 mg/kg	3.22	8.694 mg/kg	0.000869 %		
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		0.9 mg/kg	1.142	1.028 mg/kg	0.000103 %		
4	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 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		47 mg/kg	1.126	52.917 mg/kg	0.00529 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	32 mg/kg		32 mg/kg	0.0032 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	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		17 mg/kg	0.0017 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		200 mg/kg		200 mg/kg	0.02 %		
11	pH PH				9.2 pH		9.2 pH	9.2 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.8 mg/kg	1.884	1.507 mg/kg	0.000151 %		
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %			
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		0.06 mg/kg		0.06 mg/kg	0.000006 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.05 mg/kg		0.05 mg/kg	0.000005 %			
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.03 mg/kg		0.03 mg/kg	0.000003 %			
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	4.8 mg/kg		4.8 mg/kg	0.00048 %			
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0439 %		

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: TP111[2]

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

Sample details

Sample name:	LoW Code:	
TP111[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.25 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	12 mg/kg		12 mg/kg	0.0012 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		2.7 mg/kg	3.22	8.694 mg/kg	0.000869 %		
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	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 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	83 mg/kg		83 mg/kg	0.0083 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		0.23 mg/kg		0.23 mg/kg	0.000023 %		
9	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]		12 mg/kg		12 mg/kg	0.0012 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		1100 mg/kg		1100 mg/kg	0.11 %		
11	pH PH				8 pH		8 pH	8pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				1.2 mg/kg	1.884	2.261 mg/kg	0.000226 %		
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %			
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		0.06 mg/kg		0.06 mg/kg	0.000006 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.03 mg/kg		0.03 mg/kg	0.000003 %			
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.29 mg/kg		0.29 mg/kg	0.000029 %			
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.18 mg/kg		0.18 mg/kg	0.000018 %			
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.44 mg/kg		0.44 mg/kg	0.000044 %			
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.1 mg/kg		0.1 mg/kg	0.00001 %			
26	indeno[123-cd]pyrene	205-893-2	193-39-5		0.04 mg/kg		0.04 mg/kg	0.000004 %			
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.11 mg/kg		0.11 mg/kg	0.000011 %			
28	benzo[ghi]perylene	205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %			
29	phenol	604-001-00-2	203-632-7	108-95-2	2.2 mg/kg		2.2 mg/kg	0.00022 %			
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.131 %		

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: TP118[2]

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

Sample details

Sample name:	LoW Code:	
TP118[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.25 m		

Hazard properties

None identified

Determinands

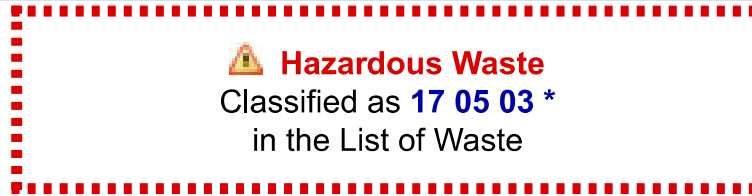
Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	22 mg/kg		22 mg/kg	0.0022 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		3.4 mg/kg	3.22	10.948 mg/kg	0.00109 %		
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	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 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		58 mg/kg	1.126	65.302 mg/kg	0.00653 %		
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	69 mg/kg		69 mg/kg	0.0069 %		
8	mercury(II) sulfide 215-696-3		1344-48-5		0.12 mg/kg		0.12 mg/kg	0.000012 %		
9	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]		21 mg/kg		21 mg/kg	0.0021 %		
10	trizinc bis(orthophosphate) 030-011-00-6	231-944-3	7779-90-0		220 mg/kg		220 mg/kg	0.022 %		
11	pH PH				5.9 pH		5.9 pH	5.9 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.9 mg/kg	1.884	1.696 mg/kg	0.00017 %		
13	TPH (C6 to C40) petroleum group TPH				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
14	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
15	acenaphthylene 205-917-1		208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthene	201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
18	anthracene	204-371-1	120-12-7		0.03 mg/kg		0.03 mg/kg	0.000003 %			
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	pyrene	204-927-3	129-00-0		0.04 mg/kg		0.04 mg/kg	0.000004 %			
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
23	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
29	phenol	604-001-00-2	203-632-7	108-95-2	3.5 mg/kg		3.5 mg/kg	0.00035 %			
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0488 %		

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: TP115[2]

Sample details

Sample name:	LoW Code:	
TP115[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.2 m		

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"

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% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic compounds, with the exception of those specified elsewhere in this Annex 033-002-00-5			1	64 mg/kg		64 mg/kg		0.0064 %		
2	boron { diboron trioxide } 005-008-00-8	215-125-8	1303-86-2		3 mg/kg	3.22	9.66 mg/kg		0.000966 %		
3	cadmium { cadmium oxide } 048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg		0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		38 mg/kg	1.462	55.539 mg/kg		0.00555 %		
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg		<0.000227 %		<LOD
6	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg		0.00394 %		

#	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									
7	lead compounds with the exception of those specified elsewhere in this Annex 082-001-00-6			1	53	mg/kg		53	mg/kg	0.0053 %		
8	mercury(II) sulfide 215-696-3 1344-48-5				0.14	mg/kg		0.14	mg/kg	0.000014 %		
9	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]				21	mg/kg		21	mg/kg	0.0021 %		
10	trizinc bis(orthophosphate) 030-011-00-6 231-944-3 7779-90-0				750	mg/kg		750	mg/kg	0.075 %		
11	pH PH				6.1	pH		6.1	pH	6.1 pH		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
13	TPH (C6 to C40) petroleum group TPH				2600	mg/kg		2600	mg/kg	0.26 %		
14	naphthalene 601-052-00-2 202-049-5 91-20-3				0.12	mg/kg		0.12	mg/kg	0.000012 %		
15	acenaphthylene 205-917-1 208-96-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16	acenaphthene 201-469-6 83-32-9				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17	phenanthrene 201-581-5 85-01-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene 204-371-1 120-12-7				0.14	mg/kg		0.14	mg/kg	0.000014 %		
19	fluoranthene 205-912-4 206-44-0				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene 204-927-3 129-00-0				0.13	mg/kg		0.13	mg/kg	0.000013 %		
21	benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				0.08	mg/kg		0.08	mg/kg	0.000008 %		
22	chrysene 601-048-00-0 205-923-4 218-01-9				0.03	mg/kg		0.03	mg/kg	0.000003 %		
23	benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				0.05	mg/kg		0.05	mg/kg	0.000005 %		
24	benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				0.05	mg/kg		0.05	mg/kg	0.000005 %		
25	benzo[a]pyrene; benzo[de]chrysene 601-032-00-3 200-028-5 50-32-8				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26	indeno[123-cd]pyrene 205-893-2 193-39-5				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
27	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28	benzo[ghi]perylene 205-883-8 191-24-2				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
29	phenol 604-001-00-2 203-632-7 108-95-2				1.4	mg/kg		1.4	mg/kg	0.00014 %		
30	benzene 601-020-00-8 200-753-7 71-43-2				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31	toluene 601-021-00-3 203-625-9 108-88-3				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33	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]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

Report created by Tim Mitchell on 17 Jan 2020

#		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							
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
Total:									0.36 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%) because: Assumed HP3 >0.1%

Hazard Statements hit:

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

Because of determinand:

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

Appendix A: Classifier defined and non GB MCL determinands**■ arsenic compounds, with the exception of those specified elsewhere in this Annex**

GB MCL index number: 033-002-00-5

Description/Comments: Worst Case: IARC considers arsenic compounds Group 1; Carcinogenic to humans

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

■ 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. Review date 29/09/2015**■ mercury(II) sulfide (EC Number: 215-696-3, CAS Number: 1344-48-5)**

Description/Comments: Data from ECHA's C&L and SDS Sigma Aldrich V6 dated 17/9/2019

Threshold for EUH031 based on calculation method in WM3 Box C12.1

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/8530>

Data source date: 14 May 2020

Hazard Statements: EUH031 >= 1 %, EUH031, Skin Sens. 1; H317, STOT RE 2; H373

■ pH (CAS Number: PH)

Description/Comments: Appendix C4

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

■ 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
boron {diboron trioxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

cadmium {cadmium oxide}

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

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

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

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

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

copper {dicopper oxide; copper (I) oxide}

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

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

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

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2025.7.6439.11737 (07 Jan 2025)

HazWasteOnline Database: 2025.7.6439.11737 (07 Jan 2025)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GB MCL List - version 1.1 of 09 June 2021

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

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

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

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