

WASTE ACCEPTANCE PROCEDURE

Aylesbury Embankment Landscape Bund – Application for a Waste Recovery Permit

JER9490

1

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13 January 2026

Document status

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Appendix A Waste Classification Report

1 INTRODUCTION

1.1 Background

- 1.1.1 These Waste Acceptance Procedures have been developed in support of an application for a permit for the deposition of waste for recovery at Aylesbury Embankment Landscape Bund, Land off A418 Oxford Road, Aylesbury, HP21.
- 1.1.2 At this particular location, a landscape bund is to be constructed to mitigate against the landscape and visual impacts generated by the HS2 railway and to assist with screening of noise effects. The landscape bund is to be constructed of circa 1% non-hazardous waste excavated from the former Hartwell Brickworks historic landfill site and screened/treated prior to transfer to the Aylesbury Embankment site. The remainder of the material in the landscape bund will be non-waste material. The construction using waste material constitutes a recovery activity.
- 1.1.3 This document, which will form part of the management system for the activity, details Waste Acceptance Procedures (WAPs) to demonstrate that the proposed waste is suitable for the activity and allowed under a bespoke permit by:
- Detailing and classifying the waste,
 - Defining the waste acceptance procedures,
 - Setting out the testing regime,
 - Describing the procedure for identifying and removing non-conforming waste,
 - Explaining how waste will be tracked.
- 1.1.4 These waste acceptance procedures apply to the waste material to be deposited for the construction of the landscape bund. Other non-waste materials used in constructing the bund are not subject to this procedure.
- 1.1.5 In producing this document, Environment Agency guidance - Waste acceptance procedures for deposit for recovery¹ has been followed.

¹ [Waste acceptance procedures for deposit for recovery - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/waste-acceptance-procedures-for-deposit-for-recovery)

2 PERMITTED WASTES

- 2.1.1 Waste materials to be deposited as part of the recovery activity must comply with the permitted waste types and descriptions below. All materials to be used have been assessed to comply with the materials criteria detailed in the Specification for Highway Works, Series 600 Earthworks².

2.2 Waste Types

- 2.2.1 The waste to be deposited under the waste recovery activity is non-hazardous treated waste that has been excavated from Hartwell Brickworks landfill and then screened/treated at the Hartwell Brickworks landfill site prior to being transferred to the Aylesbury Embankment site. No additional waste material is to be sourced for the development. The proposed waste will comprise circa 1% of the material to construct the landscape bund with the remaining circa 99% being non-waste material.
- 2.2.2 The Waste Classification Report (Appendix A) identified that the wastes from Hartwell Brickworks landfill to be used at the site are non-hazardous. This waste would be classified under European Waste Catalogue (EWC) code 17 05 04 if not for the mechanical treatment undertaken by the mobile plant prior to being moved from Hartwell Brickworks landfill.
- 2.2.3 Following treatment at the Hartwell Brickworks landfill site, the waste to be accepted and used in the waste recovery activity is detailed in Table 2.1 below:

Table 2-1: Waste Types

EWC Code	Description
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
2.2.4	Whilst the waste material will be accepted under the 19 12 12 code it will be expected to have a similar composition to the extracted material as set out in the Waste Classification Report in Appendix A.
2.2.5	The materials to be used as fill must meet the grading requirements for Highways Specification Class 2A4 / 2B4 / 2C4 / 2D4 and 4A1 materials. Based on this specification, 2A4 / 2B4 / 2C4 / 2D4 materials must pass the 125mm sieve therefore all materials exceeding 125mm will be screened out using the trommel screen and crushed.

² <https://www.standardsforhighways.co.uk/ha/standards/mchw/vol1/pdfs/600.pdf>

3 WASTE ACCEPTANCE PROCEDURES

- 3.1.1 The waste materials to be recovered at Aylesbury Embankment will be excavated and treated as part of the overall HS2 operation by a nominated contractor. The waste will then be handed over to EKFB for onward transport with the production of a waste report from the contractor. EKFB will ensure that only suitable waste will be transported from Hartwell Brickworks landfill to Aylesbury Embankment. No other wastes will be accepted at the site.
- 3.1.2 All material will be subject to this Waste Acceptance Procedure prior to final deposition to ensure that it fulfils the criteria, and no unacceptable waste is present.

3.2 Waste Characterisation

- 3.2.1 Testing to characterise the waste materials present at the source site (Hartwell Brickworks landfill) has been undertaken, details of the sampling location and monitoring results are included in Appendix A. A summary of the findings of these investigations can be found in Table 3-1 below:

Table 3-1: RPS Waste Classification Report

Year	Scope of Investigations	Summary of Findings
2021	HazWasteOnline™ Waste Classification Report	Fifteen of nineteen samples were classified as non-hazardous Sample ML062€20WS003 was identified as hazardous due to the presence of zinc sulphate. Sample ML062€20WS003[2] was identified as hazardous due to the presence of zinc sulphate and Total Petroleum Hydrocarbons. Sample ML062€20WS005 was identified as hazardous due to the presence of Total Petroleum Hydrocarbons. Sample ML062€20WS006 was identified as hazardous due to the presence of zinc sulphate.

- 3.2.2 As part of the waste screening undertaken prior to the waste being transferred to the Aylesbury Embankment site, recyclable and unacceptable wastes will be removed from the waste for further management.

3.3 Waste Acceptance Criteria

- 3.3.1 Waste acceptance criteria are aimed at ensuring the material accepted for deposit is suitable for re-use in the bund construction. Waste will only be accepted at the Aylesbury Embankment site if it meets **all** of the following criteria:
- It comprises treated waste material from the Hartwell Brickworks landfill; and
 - It is classified as non-hazardous; and
 - The total organic carbon (TOC) is 5% w/w or less; and
 - It is classified under EWC code 19 12 12; and
 - It meets the Highways specification class 2A4 / 2B4 / 2C4 / 2D4 and 4A1; and
 - The results of visual and olfactory monitoring of the load do not show evidence of unacceptable waste, signs of discoloration or odours or visible signs of asbestos; and
 - It meets the criteria for the Zone 3 restoration layers, Limit of Deviation (LOD) (>600mm depth) and ecological planting areas (>300mm depth), as set out in Appendix B.
- 3.3.2 Any wastes not meeting the above criteria will be quarantined and rejected, see Section 3.7.

3.4 Waste Acceptance Procedures

- 3.4.1 All materials will undergo visual inspection prior to use as fill material in the waste recovery activity. Waste materials may be rejected if they differ from the waste identified in the Waste Recovery Plan or Conceptual Site Model for use as fill material or if signs of unacceptable wastes are found (e.g., discoloured/odorous soils or evidence of asbestos containing materials (ACMs)).
- 3.4.2 The bulldozer driver responsible for profiling the deposited waste material will be trained to carry out the visual assessment and to isolate and report any suspected non-conforming material.

3.5 Compliance Testing

- 3.5.1 The contractor managing treatment of the waste at Hartwell Brickworks landfill will produce a handover report for each stockpile of processed waste produced which will confirm that the waste meets the criteria for deposition for recovery (see Section 3.3, above).
- 3.5.2 As detailed in technical guidance WM3³ - Guidance on the classification and assessment of waste, and EA guidance - Waste acceptance procedures for deposit for recovery⁴, it is proposed that further testing to confirm that materials still match the materials previously tested at the site will be carried out against non-hazardous waste acceptance criteria and the agreed reuse criteria.
- 3.5.3 A sample will be taken from the waste transferred to the Aylesbury Embankment site for every 1,000 m³ of material transferred. The sample will be tested to ensure that it still meets the criteria for deposition for recovery. EKFB will be responsible for this sampling and testing.
- 3.5.4 If any obvious signs of previously unidentified wastes are found, further testing will be undertaken to assess the degree of contamination and whether the material is suitable for use in the recovery activity. Should it be found not to be suitable for use, it will be removed as detailed in Section 3.6.

3.6 Waste Records / Tracking

- 3.6.1 EKFB teams at Hartwell Brickworks landfill and Aylesbury Embankment will communicate to plan the transfer of material between the two sites. Transfer will be by EKFB vehicles. Movements will be tracked by the EKFB “DIGGER” (DIGital Geographical Earthworks Reporting) software tool and by the HS2 materials tracking system. The Digger system has been developed for EKFB as part of the HS2 delivery strategy. In order to track and record material movement within the Digger system, all dump trucks will have payload technology combined with GPS that identifies load location, deposition location and load weight.
- 3.6.2 Waste transfer notes will not be required since the material is simply being moved between EKFB sites and is not passed to a different legal entity.
- 3.6.3 Waste records will contain a day-by-day account of material movements and treatment or processing and will contain the following information:
- Volume of material incorporated into the landscape bund,
 - Description of materials included in movements,
 - Any non-conforming waste identified and removed to quarantine area,
 - Any non-conforming waste removed from site and accompanying waste transfer note.
- 3.6.4 Records of all sampling, monitoring, testing and analysis results will be retained.

³ [Waste classification technical guidance WM3.pdf \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/614441/Waste_classification_technical_guidance_WM3.pdf)

⁴ [Waste acceptance procedures for deposit for recovery - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/614441/Waste_acceptance_procedures_for_deposit_for_recovery_-_GOV.UK.pdf)

-
- 3.6.5 The above records will be held by EKFB JV for a period of at least two years from the date the records were made.
 - 3.6.6 The site diary will be used to record any incidents that occur during the waste acceptance, discharge and emplacement process, including action taken in relation to unauthorised waste.
 - 3.6.7 All records will be available for inspection by the EA as required.

3.7 Non-Permitted Wastes

- 3.7.1 Non-permitted waste that is detected before deposition will not be accepted at the site and will be returned immediately to the source or quarantined pending transfer to an offsite suitably permitted facility.
- 3.7.2 Waste materials to be brought to the site have previously been screened to remove unsuitable waste under the mobile treatment processing carried out at the Hartwell Brickworks landfill. However, in the event of non-permitted wastes being detected, these will be segregated and moved into the quarantine area of the site for storage until an appropriate method of disposal has been determined and they are removed from the site.
- 3.7.3 In the event that asbestos is found to be present in the waste the whole load will be considered contaminated and quarantined and removed off site to a suitably permitted facility.
- 3.7.4 The quarantine area may change over the duration of the deposit for recovery activity. However, at all times a clearly identified and dedicated area for quarantined waste will be maintained.
- 3.7.5 Where waste is rejected, this will be followed up with the EKFB team at Hartwell Brickworks landfill to establish improvements where necessary to avoid similar occurrences.



Appendix A

WASTE CLASSIFICATION REPORT

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)



TSKIJ-6CJ55-QYD0B

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

Job name

EFKB HS2

Description/Comments

Project

JER9694

Site

Hartwell

Classified by

Name: **Karen Dale**
 Date: **31 May 2022 13:08 GMT**
 Telephone: **0161 874 3737**
 Company: **RPS**
Unit 12, Waters Edge Business Park,
Modwen Road, Salford Quays
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M5 3EZ

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

04 Feb 2021

Next 3 year Refresher due by Feb 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ML061€20WS003		Non Hazardous		3
2	ML061€20WS004	0.1	Non Hazardous		5
3	ML061€20WS007	3.15	Non Hazardous		7
4	ML061€20WS008	0.35	Non Hazardous		9
5	ML061€20WS011	1	Non Hazardous		11
6	ML061€20WS012	2	Non Hazardous		13
7	ML062€20TP448	0.1	Non Hazardous		15
8	ML062€20TP448[2]	0.5	Non Hazardous		17
9	ML062€20WS002	1.2	Non Hazardous		19
10	ML062€20WS002[2]	2.45	Non Hazardous		22
11	ML062€20WS003	0.3	Hazardous	HP 14	25
12	ML062€20WS003[2]	0.5	Hazardous	HP 7, HP 11, HP 14	28
13	ML062€20WS004	0.2	Non Hazardous		31
14	ML062€20WS004[2]	2.25	Non Hazardous		34
15	ML062€20WS005	0.2	Hazardous	HP 7, HP 11	37
16	ML062€20WS006	1	Hazardous	HP 14	40
17	ML062€20WS006[2]	2	Non Hazardous		43
18	ML062€20WS016A		Non Hazardous		45
19	ML062€20WS016A[2]	1	Non Hazardous		47

Related documents

#	Name	Description
1	RPS man 2021	waste stream template used to create this Job

Report

Created by: Karen Dale

Created date: 31 May 2022 13:08 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	49
Appendix B: Rationale for selection of metal species	50
Appendix C: Version	51

Classification of sample: ML061€20WS003

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

Sample details

Sample name: **ML061€20WS003** LoW Code: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Chapter: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Entry:

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 { arsenic trioxide }				8.97 mg/kg	1.32	11.843 mg/kg	0.00118 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.304 mg/kg	1.142	0.347 mg/kg	0.0000347 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13.9 mg/kg	1.462	20.316 mg/kg	0.00203 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				9.91 mg/kg	1.126	11.158 mg/kg	0.00112 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	14.3 mg/kg		14.3 mg/kg	0.00143 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				14.4 mg/kg	2.637	37.968 mg/kg	0.0038 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				45.8 mg/kg	2.469	113.094 mg/kg	0.0113 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				30.9 mg/kg		30.9 mg/kg	0.00309 %		
			TPH							
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							
14	pH				8.57 pH		8.57 pH	8.57 pH		
			PH							
15	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
21	fluoranthene	205-912-4	206-44-0		0.0278 mg/kg		0.0278 mg/kg	0.00000278 %		
22	pyrene	204-927-3	129-00-0		0.024 mg/kg		0.024 mg/kg	0.0000024 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
24	chrysene	601-048-00-0	205-923-4		0.0143 mg/kg		0.0143 mg/kg	0.00000143 %		
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.0213 mg/kg		0.0213 mg/kg	0.00000213 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
32	beryllium { beryllium chloride }		7787-47-5		0.624 mg/kg	8.868	5.534 mg/kg	0.000553 %		
Total:								0.025 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00309%)

Classification of sample: ML061€20WS004

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

Sample details

Sample name:	LoW Code:
ML061€20WS004	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.1 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				12.1	mg/kg	1.32	15.976	mg/kg	0.0016 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.02	mg/kg	1.142	<0.0228	mg/kg	<0.00000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13.5	mg/kg	1.462	19.731	mg/kg	0.00197 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				4.65	mg/kg	1.126	5.235	mg/kg	0.000524 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.3	mg/kg		8.3	mg/kg	0.00083 %		
	082-001-00-6											
7	mercury { mercury dichloride }				0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				17.2	mg/kg	2.637	45.351	mg/kg	0.00454 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				20.8	mg/kg	2.469	51.361	mg/kg	0.00514 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
12	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
13	pH				8.67	pH		8.67	pH	8.67 pH		
14	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8									

#	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								
16	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
19	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %			<LOD
20	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %			<LOD
21	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
23	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %			<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %			<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %			<LOD
30	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
31	beryllium { beryllium chloride }		7787-47-5		0.478 mg/kg	8.868	4.239 mg/kg	0.000424 %			
Total:									0.0155 %		

Key

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

Classification of sample: ML061€20WS007

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

Sample details

Sample name:	LoW Code:
ML061€20WS007	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.15 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				3.39 mg/kg	1.32	4.476 mg/kg	0.000448 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.172 mg/kg	1.142	0.196 mg/kg	0.0000196 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9 mg/kg	1.462	13.154 mg/kg	0.00132 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				2.98 mg/kg	1.126	3.355 mg/kg	0.000336 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	4.08 mg/kg		4.08 mg/kg	0.000408 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				6.93 mg/kg	2.637	18.272 mg/kg	0.00183 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				13.9 mg/kg	2.469	34.323 mg/kg	0.00343 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
12	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							
13	pH				8.54 pH		8.54 pH	8.54 pH		
			PH							
14	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
15	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							

#	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								
16	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
19	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %			<LOD
20	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %			<LOD
21	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
23	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %			<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %			<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %			<LOD
30	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
31	beryllium { beryllium chloride }		7787-47-5		0.477 mg/kg	8.868	4.23 mg/kg	0.000423 %			
Total:									0.00865 %		

Key

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

Classification of sample: ML061€20WS008

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

Sample details

Sample name:	LoW Code:
ML061€20WS008	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.35 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				6.73 mg/kg	1.32	8.886 mg/kg	0.000889 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.331 mg/kg	1.142	0.378 mg/kg	0.0000378 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.03 mg/kg	1.462	11.736 mg/kg	0.00117 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				8.24 mg/kg	1.126	9.277 mg/kg	0.000928 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.12 mg/kg		8.12 mg/kg	0.000812 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				9.59 mg/kg	2.637	25.286 mg/kg	0.00253 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				34.5 mg/kg	2.469	85.191 mg/kg	0.00852 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				36.7 mg/kg		36.7 mg/kg	0.00367 %		
			TPH							
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							
14	pH				8.71 pH		8.71 pH	8.71 pH		
			PH							
15	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.0352 mg/kg		0.0352 mg/kg	0.00000352 %		
24	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.0183 mg/kg		0.0183 mg/kg	0.00000183 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
32	beryllium { beryllium chloride }		7787-47-5		0.376 mg/kg	8.868	3.334 mg/kg	0.000333 %		
Total:								0.0193 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00367%)

Classification of sample: ML061€20WS011

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

Sample details

Sample name:	LoW Code:
ML061€20WS011	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				4.31 mg/kg	1.32	5.691 mg/kg	0.000569 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.13 mg/kg	1.142	0.149 mg/kg	0.0000149 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10.6 mg/kg	1.462	15.492 mg/kg	0.00155 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				2.58 mg/kg	1.126	2.905 mg/kg	0.00029 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	5.22 mg/kg		5.22 mg/kg	0.000522 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				9.37 mg/kg	2.637	24.706 mg/kg	0.00247 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				16.6 mg/kg	2.469	40.99 mg/kg	0.0041 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				13.8 mg/kg		13.8 mg/kg	0.00138 %			
			TPH								
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<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]								
14	pH				8.64 pH		8.64 pH	8.64 pH			
			PH								
15	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %			<LOD
	601-052-00-2	202-049-5	91-20-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %			<LOD
21	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %			<LOD
22	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
24	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %			<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %			<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %			<LOD
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
32	beryllium { beryllium chloride }		7787-47-5		0.52 mg/kg	8.868	4.611 mg/kg	0.000461 %			
Total:									0.0118 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00138%)

Classification of sample: ML061€20WS012

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

Sample details

Sample name:	LoW Code:
ML061€20WS012	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)
2 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 { arsenic trioxide }				3.9 mg/kg	1.32	5.149 mg/kg	0.000515 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.132 mg/kg	1.142	0.151 mg/kg	0.0000151 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.75 mg/kg	1.462	12.789 mg/kg	0.00128 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				2.79 mg/kg	1.126	3.141 mg/kg	0.000314 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	5.64 mg/kg		5.64 mg/kg	0.000564 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				8.33 mg/kg	2.637	21.964 mg/kg	0.0022 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				18.7 mg/kg	2.469	46.176 mg/kg	0.00462 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				79.2 mg/kg		79.2 mg/kg	0.00792 %		
			TPH							
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							
14	pH				8.85 pH		8.85 pH	8.85 pH		
			PH							
15	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %			<LOD
21	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %			<LOD
22	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
24	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %			<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %			<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %			<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %			<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %			<LOD
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
32	beryllium { beryllium chloride }		7787-47-5		0.433 mg/kg	8.868	3.84 mg/kg	0.000384 %			
Total:									0.0182 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00792%)

Classification of sample: ML062€20TP448

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

Sample details

Sample name:	LoW Code:
ML062€20TP448	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)
0.1 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 { arsenic trioxide }				10.86 mg/kg	1.32	14.339 mg/kg	0.00143 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.36 mg/kg	1.142	0.411 mg/kg	0.0000411 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18.56 mg/kg	1.462	27.126 mg/kg	0.00271 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				30.57 mg/kg	1.126	34.418 mg/kg	0.00344 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	45 mg/kg		45 mg/kg	0.0045 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				16.11 mg/kg	2.637	42.477 mg/kg	0.00425 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %			
	028-031-00-5	239-125-2	15060-62-5								
10	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]								
11	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
12	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<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]								
13	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										

#	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	● pH		P1186		6.99 pH		6.99 pH	6.99 pH		
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
16	● acenaphthylene		205-917-1	208-96-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
17	● acenaphthene		201-469-6	83-32-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
18	● fluorene		201-695-5	86-73-7	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	● phenanthrene		201-581-5	85-01-8	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	● anthracene		204-371-1	120-12-7	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	● fluoranthene		205-912-4	206-44-0	0.04 mg/kg		0.04 mg/kg	0.000004 %		
22	● pyrene		204-927-3	129-00-0	0.04 mg/kg		0.04 mg/kg	0.000004 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26	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
27	● indeno[123-cd]pyrene		205-893-2	193-39-5	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
28	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
29	● benzo[ghi]perylene		205-883-8	191-24-2	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	● monohydric phenols		P1186		0.67 mg/kg		0.67 mg/kg	0.000067 %		
Total:								0.0407 %		

Key

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

Classification of sample: ML062€20TP448[2]

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

Sample details

Sample name:	LoW Code:
ML062€20TP448[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

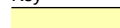
None identified

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 { arsenic trioxide }				5.25 mg/kg	1.32	6.932 mg/kg	0.000693 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.07 mg/kg	1.142	0.08 mg/kg	0.000008 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.74 mg/kg	1.462	5.466 mg/kg	0.000547 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				6.74 mg/kg	1.126	7.588 mg/kg	0.000759 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	3.35 mg/kg		3.35 mg/kg	0.000335 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				5.94 mg/kg	2.637	15.662 mg/kg	0.00157 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				0.11 mg/kg	2.554	0.281 mg/kg	0.0000281 %			
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				29.23 mg/kg	2.469	72.178 mg/kg	0.00722 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	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										
12	pH				8.3 pH		8.3 pH	8.3 pH			
			PH								
Total:									0.0116 %		

Key

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

Classification of sample: ML062€20WS002

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

Sample details

Sample name:	LoW Code:
ML062€20WS002	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m	

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 { arsenic trioxide }				8.75 mg/kg	1.32	11.553 mg/kg	0.00116 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.417 mg/kg	1.142	0.476 mg/kg	0.0000476 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16.1 mg/kg	1.462	23.531 mg/kg	0.00235 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				13.3 mg/kg	1.126	14.974 mg/kg	0.0015 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	23.6 mg/kg		23.6 mg/kg	0.00236 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				21.2 mg/kg	2.637	55.898 mg/kg	0.00559 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				57.5 mg/kg	2.469	141.985 mg/kg	0.0142 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				22.2 mg/kg		22.2 mg/kg	0.00222 %		
			TPH							
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							

#		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		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											
15		pH				8.37	pH		8.37	pH	8.37 pH		
				PH									
16		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				0.0282	mg/kg		0.0282	mg/kg	0.00000282 %		
			201-581-5	85-01-8									
21		anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-912-4	206-44-0									
23		pyrene				0.052	mg/kg		0.052	mg/kg	0.0000052 %		
			204-927-3	129-00-0									
24		benzo[a]anthracene				0.0538	mg/kg		0.0538	mg/kg	0.00000538 %		
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				0.0329	mg/kg		0.0329	mg/kg	0.00000329 %		
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				0.0425	mg/kg		0.0425	mg/kg	0.00000425 %		
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				0.0349	mg/kg		0.0349	mg/kg	0.00000349 %		
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<LOD
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<LOD
			205-883-8	191-24-2									
32		beryllium {  beryllium chloride }				0.713	mg/kg	8.868	6.323	mg/kg	0.000632 %		
				7787-47-5									
Total:											0.0307 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00222%)

Classification of sample: ML062€20WS002[2]

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

Sample details

Sample name:	LoW Code:
ML062€20WS002[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)
2.45 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 { arsenic trioxide }				17.7	mg/kg	1.32	23.37	mg/kg	0.00234 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.377	mg/kg	1.142	0.431	mg/kg	0.0000431 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				33.8	mg/kg	1.462	49.401	mg/kg	0.00494 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				24.6	mg/kg	1.126	27.697	mg/kg	0.00277 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42.7	mg/kg		42.7	mg/kg	0.00427 %		
	082-001-00-6											
7	mercury { mercury dichloride }				0.18	mg/kg	1.353	0.244	mg/kg	0.0000244 %		
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				28.3	mg/kg	2.637	74.618	mg/kg	0.00746 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				96.3	mg/kg	2.469	237.793	mg/kg	0.0238 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				92.9	mg/kg		92.9	mg/kg	0.00929 %		
			TPH									
12	toluene				0.0024	mg/kg		0.0024	mg/kg	0.000000242 %		
	601-021-00-3	203-625-9	108-88-3									
13	xylene				0.0036	mg/kg		0.0036	mg/kg	0.000000363 %		
	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]									

#	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	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									
15	pH				8.08 pH		8.08 pH	8.08 pH		
			PH							
16	naphthalene				0.0214 mg/kg		0.0214 mg/kg	0.00000214 %		
	601-052-00-2	202-049-5	91-20-3							
17	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
18	acenaphthene				0.0278 mg/kg		0.0278 mg/kg	0.00000278 %		
		201-469-6	83-32-9							
19	fluorene				0.0218 mg/kg		0.0218 mg/kg	0.00000218 %		
		201-695-5	86-73-7							
20	phenanthrene				0.183 mg/kg		0.183 mg/kg	0.0000183 %		
		201-581-5	85-01-8							
21	anthracene				0.0552 mg/kg		0.0552 mg/kg	0.00000552 %		
		204-371-1	120-12-7							
22	fluoranthene				0.383 mg/kg		0.383 mg/kg	0.0000383 %		
		205-912-4	206-44-0							
23	pyrene				0.328 mg/kg		0.328 mg/kg	0.0000328 %		
		204-927-3	129-00-0							
24	benzo[a]anthracene				0.212 mg/kg		0.212 mg/kg	0.0000212 %		
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				0.187 mg/kg		0.187 mg/kg	0.0000187 %		
	601-048-00-0	205-923-4	218-01-9							
26	benzo[b]fluoranthene				0.287 mg/kg		0.287 mg/kg	0.0000287 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.116 mg/kg		0.116 mg/kg	0.0000116 %		
	601-036-00-5	205-916-6	207-08-9							
28	benzo[a]pyrene; benzo[def]chrysene				0.219 mg/kg		0.219 mg/kg	0.0000219 %		
	601-032-00-3	200-028-5	50-32-8							
29	indeno[123-cd]pyrene				0.122 mg/kg		0.122 mg/kg	0.0000122 %		
		205-893-2	193-39-5							
30	dibenz[a,h]anthracene				0.0361 mg/kg		0.0361 mg/kg	0.00000361 %		
	601-041-00-2	200-181-8	53-70-3							
31	benzo[ghi]perylene				0.148 mg/kg		0.148 mg/kg	0.0000148 %		
		205-883-8	191-24-2							
32	monohydric phenols				<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
			P1186							
33	beryllium { beryllium chloride }				0.887 mg/kg	8.868	7.866 mg/kg	0.000787 %		
			7787-47-5							
Total:								0.0565 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 2.42e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.00929%)

xylene: (conc.: 3.63e-07%)

Classification of sample: ML062€20WS003

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

Sample details

Sample name:	LoW Code:
ML062€20WS003	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.3 m	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc sulphate: (compound conc.: 0.294%)

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 { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	27.5 mg/kg	1.32	36.309 mg/kg	0.00363 %		
2	 cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.483 mg/kg	1.142	0.552 mg/kg	0.0000552 %		
3	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	36.4 mg/kg	1.462	53.201 mg/kg	0.00532 %		
4	 chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
5	 copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	70.2 mg/kg	1.126	79.037 mg/kg	0.0079 %		
6	 lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			228 mg/kg		228 mg/kg	0.0228 %		
7	 mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
8	 nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4	37.7 mg/kg	2.637	99.403 mg/kg	0.00994 %		
9	 selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
10	 zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	1190 mg/kg	2.469	2938.463 mg/kg	0.294 %		
11	TPH (C6 to C40) petroleum group			TPH	482.8 mg/kg		482.8 mg/kg	0.0483 %		
12	toluene	601-021-00-3	203-625-9	108-88-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
14		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											
15		pH				8.24	pH		8.24	pH	8.24 pH		
				PH									
16		naphthalene				0.122	mg/kg		0.122	mg/kg	0.0000122 %		
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				0.223	mg/kg		0.223	mg/kg	0.0000223 %		
			205-917-1	208-96-8									
18		acenaphthene				0.0597	mg/kg		0.0597	mg/kg	0.00000597 %		
			201-469-6	83-32-9									
19		fluorene				0.112	mg/kg		0.112	mg/kg	0.0000112 %		
			201-695-5	86-73-7									
20		phenanthrene				0.971	mg/kg		0.971	mg/kg	0.0000971 %		
			201-581-5	85-01-8									
21		anthracene				0.389	mg/kg		0.389	mg/kg	0.0000389 %		
			204-371-1	120-12-7									
22		fluoranthene				2.61	mg/kg		2.61	mg/kg	0.000261 %		
			205-912-4	206-44-0									
23		pyrene				2.18	mg/kg		2.18	mg/kg	0.000218 %		
			204-927-3	129-00-0									
24		benzo[a]anthracene				1.61	mg/kg		1.61	mg/kg	0.000161 %		
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				1.48	mg/kg		1.48	mg/kg	0.000148 %		
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				2.28	mg/kg		2.28	mg/kg	0.000228 %		
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				0.786	mg/kg		0.786	mg/kg	0.0000786 %		
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				1.82	mg/kg		1.82	mg/kg	0.000182 %		
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				0.994	mg/kg		0.994	mg/kg	0.0000994 %		
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.346	mg/kg		0.346	mg/kg	0.0000346 %		
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				1.23	mg/kg		1.23	mg/kg	0.000123 %		
			205-883-8	191-24-2									
32		monohydric phenols				<0.035	mg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
				P1186									
33		carbon disulphide				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		006-003-00-3	200-843-6	75-15-0									
34		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
35		beryllium {  beryllium chloride }				2.32	mg/kg	8.868	20.574	mg/kg	0.00206 %		
				7787-47-5									
36		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
									Total:		0.396 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0483%)

Classification of sample: ML062€20WS003[2]

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

Sample details

Sample name:	LoW Code:
ML062€20WS003[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

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.: 0.113%)

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

Hazard Statements hit:

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

Because of determinand:

zinc sulphate: (compound conc.: 0.6%)

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 { arsenic trioxide }				93.2 mg/kg	1.32	123.054 mg/kg	0.0123 %			
	033-003-00-0	215-481-4	1327-53-3								
2	 cadmium { cadmium oxide }				13 mg/kg	1.142	14.85 mg/kg	0.00149 %			
	048-002-00-0	215-146-2	1306-19-0								
3	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				82.7 mg/kg	1.462	120.871 mg/kg	0.0121 %			
		215-160-9	1308-38-9								
4	 chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %			<LOD
	024-017-00-8										
5	 copper { dicopper oxide; copper (I) oxide }				512 mg/kg	1.126	576.455 mg/kg	0.0576 %			
	029-002-00-X	215-270-7	1317-39-1								

#	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									
6	lead {  lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	962	mg/kg		962	mg/kg	0.0962 %		
	082-001-00-6											
7	mercury {  mercury dichloride }				0.53	mg/kg	1.353	0.717	mg/kg	0.0000717 %		
	080-010-00-X	231-299-8	7487-94-7									
8	nickel {  nickel sulfate }				235	mg/kg	2.637	619.621	mg/kg	0.062 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium {  nickel selenate }				<10	mg/kg	2.554	<25.538	mg/kg	<0.00255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc {  zinc sulphate }				2430	mg/kg	2.469	6000.39	mg/kg	0.6 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				1130	mg/kg		1130	mg/kg	0.113 %		
			TPH									
12	toluene				0.0029	mg/kg		0.0029	mg/kg	0.00000298 %		
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	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 }				2.55	mg/kg	1.884	4.804	mg/kg	0.00048 %		
	006-007-00-5											
15	pH				7.19	pH		7.19	pH	7.19 pH		
			PH									
16	naphthalene				0.129	mg/kg		0.129	mg/kg	0.0000129 %		
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				0.0557	mg/kg		0.0557	mg/kg	0.00000557 %		
		205-917-1	208-96-8									
18	acenaphthene				0.0501	mg/kg		0.0501	mg/kg	0.00000501 %		
		201-469-6	83-32-9									
19	fluorene				0.0545	mg/kg		0.0545	mg/kg	0.00000545 %		
		201-695-5	86-73-7									
20	phenanthrene				0.846	mg/kg		0.846	mg/kg	0.0000846 %		
		201-581-5	85-01-8									
21	anthracene				0.218	mg/kg		0.218	mg/kg	0.0000218 %		
		204-371-1	120-12-7									
22	fluoranthene				2.03	mg/kg		2.03	mg/kg	0.000203 %		
		205-912-4	206-44-0									
23	pyrene				1.65	mg/kg		1.65	mg/kg	0.000165 %		
		204-927-3	129-00-0									
24	benzo[a]anthracene				1.23	mg/kg		1.23	mg/kg	0.000123 %		
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				1.12	mg/kg		1.12	mg/kg	0.000112 %		
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				1.94	mg/kg		1.94	mg/kg	0.000194 %		
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.636	mg/kg		0.636	mg/kg	0.0000636 %		
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				1.34	mg/kg		1.34	mg/kg	0.000134 %		
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				0.826	mg/kg		0.826	mg/kg	0.0000826 %		
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				0.282	mg/kg		0.282	mg/kg	0.0000282 %		
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				0.944	mg/kg		0.944	mg/kg	0.0000944 %		
		205-883-8	191-24-2									

#	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							
32	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
33	carbon disulphide				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
34	dibutyl phthalate; DBP				35.8 mg/kg		35.8 mg/kg	0.00358 %		
	607-318-00-4	201-557-4	84-74-2							
35	beryllium { beryllium chloride }		7787-47-5		6.66 mg/kg	8.868	59.061 mg/kg	0.00591 %		
36	diethyl phthalate				0.176 mg/kg		0.176 mg/kg	0.0000176 %		
		201-550-6	84-66-2							
Total:								0.969 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 2.98e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

Classification of sample: ML062€20WS004

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

Sample details

Sample name:	LoW Code:
ML062€20WS004	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				11.6	mg/kg	1.32	15.316	mg/kg	0.00153 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.903	mg/kg	1.142	1.032	mg/kg	0.000103 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28.5	mg/kg	1.462	41.654	mg/kg	0.00417 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				23.4	mg/kg	1.126	26.346	mg/kg	0.00263 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	80.6	mg/kg		80.6	mg/kg	0.00806 %		
	082-001-00-6											
7	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				27	mg/kg	2.637	71.19	mg/kg	0.00712 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				83.3	mg/kg	2.469	205.692	mg/kg	0.0206 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				158	mg/kg		158	mg/kg	0.0158 %		
			TPH									
12	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	pH				8.12	pH		8.12	pH	8.12 pH		
			PH									
15	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	phenanthrene	201-581-5	85-01-8		0.0452 mg/kg		0.0452 mg/kg	0.00000452 %			
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %			<LOD
21	fluoranthene	205-912-4	206-44-0		0.131 mg/kg		0.131 mg/kg	0.0000131 %			
22	pyrene	204-927-3	129-00-0		0.112 mg/kg		0.112 mg/kg	0.0000112 %			
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.0823 mg/kg		0.0823 mg/kg	0.00000823 %			
24	chrysene	601-048-00-0	205-923-4		0.0647 mg/kg		0.0647 mg/kg	0.00000647 %			
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.11 mg/kg		0.11 mg/kg	0.000011 %			
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.0357 mg/kg		0.0357 mg/kg	0.00000357 %			
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.0735 mg/kg		0.0735 mg/kg	0.00000735 %			
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.0527 mg/kg		0.0527 mg/kg	0.00000527 %			
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %			<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		0.065 mg/kg		0.065 mg/kg	0.0000065 %			
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
32	carbon disulphide	006-003-00-3	200-843-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
33	dibutyl phthalate; DBP	607-318-00-4	201-557-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
34	beryllium { beryllium chloride }		7787-47-5		1.16 mg/kg	8.868	10.287 mg/kg	0.00103 %			
35	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
Total:									0.0615 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0158%)

Classification of sample: ML062€20WS004[2]

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

Sample details

Sample name:	LoW Code:
ML062€20WS004[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)
2.25 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 { arsenic trioxide }				34.6	mg/kg	1.32	45.683	mg/kg	0.00457 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.948	mg/kg	1.142	1.083	mg/kg	0.000108 %		
	048-002-00-0	215-146-2	1306-19-0									
3	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									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				15.5	mg/kg	1.126	17.451	mg/kg	0.00175 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	41.3	mg/kg		41.3	mg/kg	0.00413 %		
	082-001-00-6											
7	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				44.2	mg/kg	2.637	116.541	mg/kg	0.0117 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				108	mg/kg	2.469	266.684	mg/kg	0.0267 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				344	mg/kg		344	mg/kg	0.0344 %		
			TPH									
12	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	pH				8.01	pH		8.01	pH	8.01 pH		
			PH									
15	naphthalene				0.0281	mg/kg		0.0281	mg/kg	0.00000281 %		
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
17	acenaphthene	201-469-6	83-32-9		0.0992 mg/kg		0.0992 mg/kg	0.00000992 %		
18	fluorene	201-695-5	86-73-7		0.209 mg/kg		0.209 mg/kg	0.0000209 %		
19	phenanthrene	201-581-5	85-01-8		1.39 mg/kg		1.39 mg/kg	0.000139 %		
20	anthracene	204-371-1	120-12-7		0.258 mg/kg		0.258 mg/kg	0.0000258 %		
21	fluoranthene	205-912-4	206-44-0		1.17 mg/kg		1.17 mg/kg	0.000117 %		
22	pyrene	204-927-3	129-00-0		0.855 mg/kg		0.855 mg/kg	0.0000855 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.297 mg/kg		0.297 mg/kg	0.0000297 %		
24	chrysene	601-048-00-0	205-923-4		0.183 mg/kg		0.183 mg/kg	0.0000183 %		
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.0957 mg/kg		0.0957 mg/kg	0.00000957 %		
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.181 mg/kg		0.181 mg/kg	0.0000181 %		
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.0974 mg/kg		0.0974 mg/kg	0.00000974 %		
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.0314 mg/kg		0.0314 mg/kg	0.00000314 %		
30	benzo[ghi]perylene	205-883-8	191-24-2		0.112 mg/kg		0.112 mg/kg	0.0000112 %		
31	carbon disulphide	006-003-00-3	200-843-6		0.012 mg/kg		0.012 mg/kg	0.0000012 %		
32	dibutyl phthalate; DBP	607-318-00-4	201-557-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	beryllium { beryllium chloride }		7787-47-5		1.18 mg/kg	8.868	10.464 mg/kg	0.00105 %		
34	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.0904 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

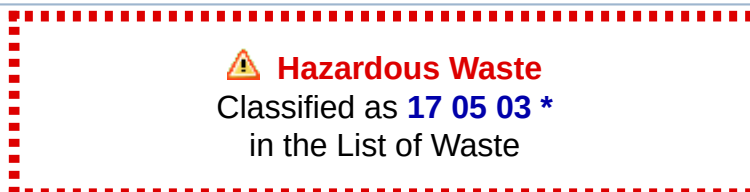
carbon disulphide: (conc.: 1.2e-06%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0344%)

Classification of sample: ML062€20WS005



Sample details

Sample name:	LoW Code:
ML062€20WS005	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.169%)

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.: 0.169%)

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 { arsenic trioxide }				34.7 mg/kg	1.32	45.815 mg/kg	0.00458 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				1.08 mg/kg	1.142	1.234 mg/kg	0.000123 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				54.3 mg/kg	1.462	79.362 mg/kg	0.00794 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				757 mg/kg	1.126	852.297 mg/kg	0.0852 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	213 mg/kg		213 mg/kg	0.0213 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				44.8 mg/kg	2.637	118.123 mg/kg	0.0118 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							

#	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									
10	zinc { zinc sulphate }				970	mg/kg	2.469	2395.218	mg/kg	0.24 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				1685.6	mg/kg		1685.6	mg/kg	0.169 %		
			TPH									
12	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	pH				8.21	pH		8.21	pH	8.21 pH		
			PH									
15	naphthalene				112	mg/kg		112	mg/kg	0.0112 %		
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.134	mg/kg		0.134	mg/kg	0.0000134 %		
		205-917-1	208-96-8									
17	acenaphthene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-469-6	83-32-9									
18	fluorene				0.087	mg/kg		0.087	mg/kg	0.0000087 %		
		201-695-5	86-73-7									
19	phenanthrene				0.981	mg/kg		0.981	mg/kg	0.0000981 %		
		201-581-5	85-01-8									
20	anthracene				0.327	mg/kg		0.327	mg/kg	0.0000327 %		
		204-371-1	120-12-7									
21	fluoranthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
		205-912-4	206-44-0									
22	pyrene				1.23	mg/kg		1.23	mg/kg	0.000123 %		
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.746	mg/kg		0.746	mg/kg	0.0000746 %		
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.637	mg/kg		0.637	mg/kg	0.0000637 %		
	601-048-00-0	205-923-4	218-01-9									
25	benzo[b]fluoranthene				0.703	mg/kg		0.703	mg/kg	0.0000703 %		
	601-034-00-4	205-911-9	205-99-2									
26	benzo[k]fluoranthene				0.316	mg/kg		0.316	mg/kg	0.0000316 %		
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				0.606	mg/kg		0.606	mg/kg	0.0000606 %		
	601-032-00-3	200-028-5	50-32-8									
28	indeno[123-cd]pyrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
		205-893-2	193-39-5									
29	dibenz[a,h]anthracene				0.144	mg/kg		0.144	mg/kg	0.0000144 %		
	601-041-00-2	200-181-8	53-70-3									
30	benzo[ghi]perylene				0.471	mg/kg		0.471	mg/kg	0.0000471 %		
		205-883-8	191-24-2									
31	monohydric phenols				0.285	mg/kg		0.285	mg/kg	0.0000285 %		
			P1186									
32	beryllium { beryllium chloride }				4.03	mg/kg	8.868	35.738	mg/kg	0.00357 %		
			7787-47-5									
Total:										0.555 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.169%)

Classification of sample: ML062€20WS006

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

Sample details

Sample name:	LoW Code:
ML062€20WS006	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
1 m	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

zinc sulphate: (compound conc.: 0.617%)

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 { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	93.2 mg/kg	1.32	123.054 mg/kg	0.0123 %			
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	3.49 mg/kg	1.142	3.987 mg/kg	0.000399 %			
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		60.6 mg/kg	1.462	88.57 mg/kg	0.00886 %			
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %			<LOD
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	539 mg/kg	1.126	606.854 mg/kg	0.0607 %			
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			791 mg/kg		791 mg/kg	0.0791 %			
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
8	nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4	211 mg/kg	2.637	556.341 mg/kg	0.0556 %			
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<10 mg/kg	2.554	<25.538 mg/kg	<0.00255 %			<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	2500 mg/kg	2.469	6173.241 mg/kg	0.617 %			
11	TPH (C6 to C40) petroleum group		TPH		748.8 mg/kg		748.8 mg/kg	0.0749 %			
12	toluene	601-021-00-3	203-625-9	108-88-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
14	pH		PH		7.78 pH		7.78 pH	7.78 pH		
15	naphthalene	601-052-00-2	202-049-5	91-20-3	0.234 mg/kg		0.234 mg/kg	0.0000234 %		
16	acenaphthylene		205-917-1	208-96-8	0.0267 mg/kg		0.0267 mg/kg	0.00000267 %		
17	acenaphthene		201-469-6	83-32-9	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
18	fluorene		201-695-5	86-73-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene		201-581-5	85-01-8	0.418 mg/kg		0.418 mg/kg	0.0000418 %		
20	anthracene		204-371-1	120-12-7	0.0635 mg/kg		0.0635 mg/kg	0.00000635 %		
21	fluoranthene		205-912-4	206-44-0	0.426 mg/kg		0.426 mg/kg	0.0000426 %		
22	pyrene		204-927-3	129-00-0	0.314 mg/kg		0.314 mg/kg	0.0000314 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.243 mg/kg		0.243 mg/kg	0.0000243 %		
24	chrysene	601-048-00-0	205-923-4	218-01-9	0.268 mg/kg		0.268 mg/kg	0.0000268 %		
25	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.435 mg/kg		0.435 mg/kg	0.0000435 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.144 mg/kg		0.144 mg/kg	0.0000144 %		
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.257 mg/kg		0.257 mg/kg	0.0000257 %		
28	indeno[123-cd]pyrene		205-893-2	193-39-5	0.202 mg/kg		0.202 mg/kg	0.0000202 %		
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.0676 mg/kg		0.0676 mg/kg	0.00000676 %		
30	benzo[ghi]perylene		205-883-8	191-24-2	0.285 mg/kg		0.285 mg/kg	0.0000285 %		
31	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
32	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	beryllium { beryllium chloride }			7787-47-5	4.92 mg/kg	8.868	43.63 mg/kg	0.00436 %		
34	diethyl phthalate		201-550-6	84-66-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.917 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0749%)

Classification of sample: ML062€20WS006[2]

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

Sample details

Sample name:	LoW Code:
ML062€20WS006[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)
2 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 { arsenic trioxide }				15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.622 mg/kg	1.142	0.711 mg/kg	0.0000711 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26.7 mg/kg	1.462	39.024 mg/kg	0.0039 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6 mg/kg	2.27	<1.362 mg/kg	<0.000136 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				12.7 mg/kg	1.126	14.299 mg/kg	0.00143 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18.5 mg/kg		18.5 mg/kg	0.00185 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				27.7 mg/kg	2.637	73.036 mg/kg	0.0073 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				78.7 mg/kg	2.469	194.334 mg/kg	0.0194 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				20.6 mg/kg		20.6 mg/kg	0.00206 %		
			TPH							
12	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
13	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<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]							
14	pH				8.43 pH		8.43 pH	8.43 pH		
			PH							
15	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
31	monohydric phenols		P1186		<0.035 mg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
32	beryllium { beryllium chloride }		7787-47-5		1.12 mg/kg	8.868	9.932 mg/kg	0.000993 %		
Total:								0.0395 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00206%)

Classification of sample: ML062€20WS016A

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

Sample details

Sample name: **ML062€20WS016A** LoW Code: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Chapter: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Entry:

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 { arsenic trioxide }				21.8	mg/kg	1.32	28.783	mg/kg	0.00288 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				18.8	mg/kg	1.142	21.476	mg/kg	0.00215 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				94.8	mg/kg	1.462	138.555	mg/kg	0.0139 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				271	mg/kg	1.126	305.116	mg/kg	0.0305 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	465	mg/kg		465	mg/kg	0.0465 %		
	082-001-00-6											
7	mercury { mercury dichloride }				2.85	mg/kg	1.353	3.857	mg/kg	0.000386 %		
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				191	mg/kg	2.637	503.607	mg/kg	0.0504 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				448	mg/kg	2.469	1106.245	mg/kg	0.111 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				393.8	mg/kg		393.8	mg/kg	0.0394 %		
			TPH									
12	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	pH				7.82	pH		7.82	pH	7.82 pH		
			PH									
15	naphthalene				0.0537	mg/kg		0.0537	mg/kg	0.00000537 %		
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		0.108 mg/kg		0.108 mg/kg	0.0000108 %		
17	acenaphthene	201-469-6	83-32-9		0.0245 mg/kg		0.0245 mg/kg	0.00000245 %		
18	fluorene	201-695-5	86-73-7		0.0554 mg/kg		0.0554 mg/kg	0.00000554 %		
19	phenanthrene	201-581-5	85-01-8		0.526 mg/kg		0.526 mg/kg	0.0000526 %		
20	anthracene	204-371-1	120-12-7		0.195 mg/kg		0.195 mg/kg	0.0000195 %		
21	fluoranthene	205-912-4	206-44-0		1.28 mg/kg		1.28 mg/kg	0.000128 %		
22	pyrene	204-927-3	129-00-0		1.11 mg/kg		1.11 mg/kg	0.000111 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.836 mg/kg		0.836 mg/kg	0.0000836 %		
24	chrysene	601-048-00-0	205-923-4		0.665 mg/kg		0.665 mg/kg	0.0000665 %		
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.18 mg/kg		1.18 mg/kg	0.000118 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.394 mg/kg		0.394 mg/kg	0.0000394 %		
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.897 mg/kg		0.897 mg/kg	0.0000897 %		
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.548 mg/kg		0.548 mg/kg	0.0000548 %		
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.159 mg/kg		0.159 mg/kg	0.0000159 %		
30	benzo[ghi]perylene	205-883-8	191-24-2		0.675 mg/kg		0.675 mg/kg	0.0000675 %		
31	beryllium { beryllium chloride }		7787-47-5		2.61 mg/kg	8.868	23.145 mg/kg	0.00231 %		
Total:								0.3 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0394%)

Classification of sample: ML062€20WS016A[2]

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

Sample details

Sample name:	LoW Code:
ML062€20WS016A[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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 { arsenic trioxide }				26.3	mg/kg	1.32	34.725	mg/kg	0.00347 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				4.38	mg/kg	1.142	5.003	mg/kg	0.0005 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48.8	mg/kg	1.462	71.324	mg/kg	0.00713 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.6	mg/kg	2.27	<1.362	mg/kg	<0.000136 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				80	mg/kg	1.126	90.071	mg/kg	0.00901 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	86.3	mg/kg		86.3	mg/kg	0.00863 %		
	082-001-00-6											
7	mercury { mercury dichloride }				0.667	mg/kg	1.353	0.903	mg/kg	0.0000903 %		
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				77.6	mg/kg	2.637	204.607	mg/kg	0.0205 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				165	mg/kg	2.469	407.434	mg/kg	0.0407 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				140.9	mg/kg		140.9	mg/kg	0.0141 %		
			TPH									
12	toluene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
13	xylene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<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]									
14	pH				8.15	pH		8.15	pH	8.15 pH		
			PH									
15	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		0.0353 mg/kg		0.0353 mg/kg	0.00000353 %		
20	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
21	fluoranthene	205-912-4	206-44-0		0.07 mg/kg		0.07 mg/kg	0.000007 %		
22	pyrene	204-927-3	129-00-0		0.0604 mg/kg		0.0604 mg/kg	0.00000604 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.0637 mg/kg		0.0637 mg/kg	0.00000637 %		
24	chrysene	601-048-00-0	205-923-4		0.0382 mg/kg		0.0382 mg/kg	0.00000382 %		
25	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.0711 mg/kg		0.0711 mg/kg	0.00000711 %		
26	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.029 mg/kg		0.029 mg/kg	0.0000029 %		
27	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.0563 mg/kg		0.0563 mg/kg	0.00000563 %		
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.0465 mg/kg		0.0465 mg/kg	0.00000465 %		
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		0.0678 mg/kg		0.0678 mg/kg	0.00000678 %		
31	beryllium { beryllium chloride }		7787-47-5		1.41 mg/kg	8.868	12.504 mg/kg	0.00125 %		
Total:								0.106 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free product encountered

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0141%)

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

• lead compounds with the exception of those specified elsewhere in this Annex (worst case)

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

Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A

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 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

• 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

• pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

• 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

■ **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)
Data source: CLP combined data
Data source date: 26 Mar 2019
Hazard Statements: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 £ conc. < 3 % , Eye Irrit. 2; H319 1 £ conc. < 3 % , Aquatic Chronic 2; H411

■ **beryllium chloride** (CAS Number: 7787-47-5)

Description/Comments: Data from C&L Inventory Database; No entries in Registered Substances Database, IARC or Pesticide Properties Database
Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=27264&HarmOnly=no?fc=true&lang=en>
Data source date: 02 Jun 2014
Hazard Statements: Acute Tox. 3; H301 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Carc. 1B; H350 , STOT RE 1; H372 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **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

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

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

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 (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) Worse 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)

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

no chromate

mercury {mercury dichloride}

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

nickel {nickel sulfate}

no chromium

selenium {nickel selenate}

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

zinc {zinc sulphate}

no chromate

beryllium {beryllium chloride}

worst case

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: 2022.146.5158.9719 (26 May 2022)

HazWasteOnline Database: 2022.146.5158.9719 (26 May 2022)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GB MCL List - version 1.1 of 09 June 2021



Appendix B

MADE GROUND ACCEPTANCE CRITERIA

Made Ground Acceptance Criteria

Contaminants	Limit of Detection (mg/kg, unless stated)	Controlled Waters SCAC (mg/kg) Zone 3	
		≤ 300mm in Ecological Planting Area	≤ 600mm in the LOD
Asbestos		<0.001% subject to further assessment	
Metals			-
Arsenic	<1	170	640
Beryllium	<1	63	12
Boron	<1	46,000	240,000
Cadmium	<0.2	532	190
Chromium III	<1	33,000	8,600
Chromium VI	<1	220	33
Copper	<1	44,000	68,000
Lead	<2	1,300	2,300
Mercury	<0.3	30	58
Nickel	<2	800	980
Selenium	<1	1,800	12,000
Vanadium		5,000	9,000
Zinc	<2	170,000	730,000
Inorganics			-
Total Cyanide	<1	-	-
TPH Aliphatics			-
C5-C6	<0.01	5,000	3,200
>C6-C8	<0.01	5,000	5,000
>C8-C10	<0.1	5,000	2,000
>C10-C12	<0.1	5,000	5,000
>C12-C16	<0.1	5,000	5,000

Contaminants	Limit of Detection (mg/kg, unless stated)	Controlled Waters SCAC (mg/kg) Zone 3	
		≤ 300mm in Ecological Planting Area	≤ 600mm in the LOD
>C16-C35	<0.1	5,000	5,000
TPH Aromatics		-	-
>EC05-EC07	<0.01	5,000	5,000
>EC07-EC08	<0.01	5,000	3,500
>EC8-EC10	<0.1	5,000	5,000
>EC10-EC12	<0.1	5,000	5,000
>EC12-EC16	<0.1	5,000	5,000
>EC16-EC21	<0.1	5,000	5,000
>EC21-EC35	<0.1	5,000	5,000
<EC35-EC44	<0.1	5,000	5,000
BTEX			-
Benzene	<0.001	90	27
Toluene	<0.01	5,000	5,000
Ethylbenzene	<0.01	5,000	5,000
o xylene	<1	5,000	660
m xylene	<1	5,000	5,000
p xylene	<1	5,000	5,000
Total Xylenes		-	-
PAH#			-
Naphthalene	<0.01	1,200	190
Benzo(k)fluoranthene	<0.1	370	1,200
Benzo(b)fluoranthene	<0.1	13	44

Contaminants	Limit of Detection (mg/kg, unless stated)	Controlled Waters SCAC (mg/kg) Zone 3	
		≤ 300mm in Ecological Planting Area	≤ 600mm in the LOD
Benzo(a)pyrene	<0.1	11	35
Indeno(123cd)pyrene	<0.1	150	500
Benzo(ghi)perylene	<0.1	1,400	3,900
Acenaphthene	<0.1	29,000	84,000
Acenaphthylene	<0.1	29,000	83,000
Anthracene	<0.1	150,000	520,000
Benzo(a)anthracene	<0.1	49	170
Chrysene	<0.1	93	350
Dibenz(a,h)anthracene	<0.1	1.1	3.5
Fluoranthene	<0.1	6,300	23,000
Fluorene	<0.1	20,000	63,000
Phenanthrene	<0.1	6,200	22,000
Pyrene	<0.1	15,000	54,000
Phenolics			-
Phenol	<0.05	760	760