

#### A46 Newark Bypass

TR010065/APP/6.3

# 6.3 Environmental Statement Appendix 9.2 Contaminated Land Risk Assessment Part 6

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Volume 6

April 2024

### Infrastructure Planning Planning Act 2008

## The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

## A46 Newark Bypass Development Consent Order 202[x]

## ENVIRONMENTAL STATEMENT APPENDIX 9.2 CONTAMINATED LAND RISK ASSESSMENT PART 6

Regulation Number:	Regulation 5(2)(a)
Planning Inspectorate Scheme	TR010065
Reference	
Application Document Reference	TR010065/APP/6.3
Author:	A46 Newark Bypass Project Team, National Highways

Version	Date	Status of Version
Rev 1	April 2024	DCO Application



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**Appendix G: GIR** 

Appendix H: HazWasteOnline™

#### **CERTIFICATE OF ANALYSIS**



SDG: Location: A46 N

220222-78 A46 Newark Northern Bypass

Client Reference: Order Number: 784-B026948 7001649 Report Number: Superseded Report: 637302 636197

#### **Appendix**

#### General

- 1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.
- 2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.
- 3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
- 4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
- 5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.
- 6. NDP No determination possible due to insufficient/unsuitable sample.
- 7. Results relate only to the items tested.
- 8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.
- 9. Surrogate recoveries Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.
- 10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
- 11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
- 12. For dried and crushed preparations of soils volatile loss may occur e.g volatile mercury.
- 13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.
- 14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
- 15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.
- 16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
- 17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. Tentatively Identified Compounds (TICs) are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

#### 19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
•	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

#### 20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

#### Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials andd soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbe stos Type	Common Name
Chrysof le	WhiteAsbests
Amosite	Brown Asbestos
Cro a dolite	Blue Asbe stos
Fibrous Act nolite	-
Fib to us Anthop hyll ite	-
Fibrous Tremolite	-

#### Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

#### Respirable Fibres

Respirable fibres are defined as fibres of <3  $\mu$ m diameter, longer than 5  $\mu$ m and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



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CH5 3US

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Tetra Tech Europe Newstead Court Little Oak Drive Nottingham Nottinghamshire NG15 0DR

Attention: Julian Carr

#### **CERTIFICATE OF ANALYSIS**

Date of report Generation: 16 March 2022

Customer: Tetra Tech Europe

 Sample Delivery Group (SDG):
 220309-77

 Your Reference:
 784-B026948

Location: A46 Newark Northern Bypass

 Report No:
 637833

 Order Number:
 7001649

We received 6 samples on Wednesday March 09, 2022 and 6 of these samples were scheduled for analysis which was completed on Wednesday March 16, 2022. Accredited laboratory tests are defined within the report, but opinions, interpretations and on-site data expressed herein are outside the scope of ISO 17025 accreditation.

Should this report require incorporation into client reports, it must be used in its entirety and not simply with the data sections alone.

Chemical testing (unless subcontracted) performed at ALS Environmental Hawarden.

All sample data is provided by the customer. The reported results relate to the sample supplied, and on the basis that this data is correct.

Incorrect sampling dates and/or sample information will affect the validity of results.

The customer is not permitted to reproduce this report except in full without the approval of the laboratory.

Approved By:



Sonia McWhan

Operations Manager





#### **CERTIFICATE OF ANALYSIS**

Validated



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Superseded Report:

#### **Received Sample Overview**

Lab Sample No(s)	Customer Sample Ref.	AGS Ref.	Depth (m)	Sampled Date
25938330	SW1	EW1	0.00 - 0.00	07/03/2022
25938342	SW2	EW1	0.00 - 0.00	07/03/2022
25938352	SW3	EW1	0.00 - 0.00	07/03/2022
25938362	SW4	EW1	0.00 - 0.00	07/03/2022
25938373	SW5	EW1	0.00 - 0.00	07/03/2022
25938385	SW6	EW1	0.00 - 0.00	07/03/2022

Only received samples which have had analysis scheduled will be shown on the following pages.

#### **CERTIFICATE OF ANALYSIS**



Report Number: 637833 Superseded Report:

SDG: 220309-77 Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

Results Legend  X Test  No Determination Possible	Lab Sample	e No(s)						25938330						25938342						25938352			25938362
	Custom Sample Ref							SW1						SW2						SW3			SW4
Sample Types - S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate	AGS Refe	rence						EW1						EW1						EW1			EW1
PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage	Water Vater Filluent Sewage ed Sewage							0.00 - 0.00						0.00 - 00.00						0.00 - 0.00			0.00 - 0.00
US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas	Contair	ner	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)
OTH - Other	Sample T	уре	WS		WS	ws	WS	WS	WS	WS	WS	WS	WS	WS			ws	WS	WS	WS		WS	WS
Ammonium Low	All	NDPs: 0 Tests: 6			X						X						X		-				X
Anions by Kone (w)	All	NDPs: 0 Tests: 6		X						X						X						X	
Cyanide Comp/Free/Total/Thiocyanate	All	NDPs: 0 Tests: 6					X						X						Х				
Dissolved Metals by ICP-MS	All	NDPs: 0 Tests: 6		X								X						X					
Dissolved Organic/Inorganic Carbon	All	NDPs: 0 Tests: 6	Х						X						Х						X		
EPH CWG (Aliphatic) Aqueous GC (W)	All	NDPs: 0 Tests: 6	X						Х						X						х		
EPH CWG (Aromatic) Aqueous GC (W)	All	NDPs: 0 Tests: 6	Х						X						X						X		
GRO by GC-FID (W)	All	NDPs: 0 Tests: 6						X						X						X			
Hexavalent Chromium (w)	All	NDPs: 0 Tests: 6		X						X						X						X	
Mercury Dissolved  PAH Spec MS - Aqueous (W)	All	NDPs: 0 Tests: 6		X								X						X					
pH Value	All	NDPs: 0 Tests: 6	X						X						X						X		
Phenols by HPLC (W)	All	NDPs: 0		X						X						X						X	
	All	NDPs: 0 Tests: 6			X						X						X						X
Sulphide		NDPs: 0 Tests: 6		X						X						X						X	
Total Metals by ICP-MS	All	NDPs: 0 Tests: 6				X				X						X						X	

		25938362						25938373						25938385
		SW4						SW5						SW6
		EW1						EW1						EW1
		0.00 - 0.00						0.00 - 0.00						0.00 - 0.00
HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)
WS	ws	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS
					Х						X			
				v						V				
				X						X				
	X						X						X	
X						X						X		
			X						X					
			Х						Х					
			X						X					
		X						X						X
				X						X				
X						X						X		
			Х						X					
				X						X				
					X						X			
				X						X				
				X						X				

#### **CERTIFICATE OF ANALYSIS**

ALS

SDG: 220309-77 Report Number: 637833 Superseded Report:
Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

( ) ( )			31																$\overline{}$				
Results Legend  X Test  No Determination Possible	Lab Sample	No(s)						25938330						25938342						25938352			25938362
Sample Types -	Custom Sample Ref							1MS						SW2						£MS			SW4
S - Soil/Solid UNS - Unspecified Solid GW - Ground Water SW - Surface Water LE - Land Leachate	AGS Refer	ence						EW1						EW1						EW1			EW1
PL - Prepared Leachate PR - Process Water SA - Saline Water TE - Trade Effluent TS - Treated Sewage	Depth (	m)						0.00 - 0.00						0.00 - 0.00						0.00 - 0.00			0.00 - 0.00
US - Untreated Sewage RE - Recreational Water DW - Drinking Water Non-regulatory UNL - Unspecified Liquid SL - Sludge G - Gas	Contain	er	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Unfiltered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber GI. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)
OTH - Other	Sample T	ype	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS
TPH CWG (W)	All	NDPs: 0 Tests: 6	Х						Х						х						Х		

		25938362						25938373						25938385
		SW4						SW5						SW6
		EW1						EW1						EW1
		0.00 - 0.00						0.00 - 0.00						0.00 - 0.00
HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)	250ml Amber Gl. PTFE/PE	500ml Plastic (ALE208)	H2SO4 (ALE244)	HNO3 Filtered (ALE204)	NaOH (ALE245)	Vial (ALE297)
WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS	WS
			X						X					

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Superseded Report:

Results Legend # ISO17025 accredited.	Cus	stomer Sample Ref.	SW1	SW2	SW3	SW4	SW5	SW6
mCERTS accredited.								
diss.filt Dissolved / filtered sample.		Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
tot.unfilt Total / unfiltered sample.  Subcontracted - refer to subcontractor report	for	Sample Type Date Sampled	Surface Water (SW) 07/03/2022					
accreditation status.  ** % recovery of the surrogate standard to check	the .	Sampled Time						
efficiency of the method. The results of individ compounds within samples aren't corrected for		Date Received SDG Ref	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77
the recovery		ab Sample No.(s)	25938330	25938342	25938352	25938362	25938373	25938385
(F) Trigger breach confirmed  1-4+§@ Sample deviation (see appendix)		AGS Reference	EW1	EW1	EW1	EW1	EW1	EW1
Component	LOD/Units	Method						
Carbon, Organic (diss.filt)	<3	TM090	6.86	6.33	6.75	6.73	6.62	6.86
Ammoniacal Nitrogen as N (low level)	mg/l	TM099	0.174	0.164	0.17	0.159	0.162	0.17
Animoniacai Niliogen as N (low level)	<0.01 mg/l	TIVIU99	0.174	0.104	0.17	0.159	0.102	U.17 #
Ammoniacal Nitrogen Low as NH4	<0.01	TM099	0.224	0.21	0.219	0.204	0.209	0.218
	mg/l	1111000	#	#	#	#	#	#
Sulphide	<0.01	TM101	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	mg/l		2	2	2	2	2	2
Arsenic (diss.filt)	<0.5	TM152	1.2	1.63	1.42	1.46	1.37	1.29
	μg/l		2#	#	#	#	#	#
Boron (diss.filt)	<10	TM152	91.6	90.1	90.4	90.7	92.1	89.9
	µg/l		2#	#	#	#	#	#
Cadmium (diss.filt)	<0.08	TM152	<0.08	0.204	0.128	0.169	0.121	0.122
Chromium (dies filt)	μg/l	TM450	2#	#	#	#	#	#
Chromium (diss.filt)	<1 µg/l	TM152	<1 2#	<1 #	<1 #	<1 #	<1 #	<1 #
Copper (diss.filt)	μg/i <0.3	TM152	3.73	5.86	4.47	4.82	4.48	4.45
Copper (disc.iiit)	νο.5 μg/l	TIVITUE	2#	5.00 #	#.41	4.02	4.40	4.43
Lead (diss.filt)	<0.2	TM152	<0.2	9.8	3.85	4.46	3.29	3.24
<u> </u>	μg/l		2#	#	#	#	#	#
Manganese (diss.filt)	<3	TM152	15.6	63.4	53.8	54.9	42.2	41.4
	μg/l		2#	#	#	#	#	#
Nickel (diss.filt)	<0.4	TM152	3.22	3.59	3.14	3.18	3.15	3.27
	μg/l		2#	#	#	#	#	#
Selenium (diss.filt)	<1	TM152	<1	<1	<1	<1	<1	<1
Vanadium (dias Ella)	μg/l	TMACO	2#	#	4.04	4.72	#	4.5
Vanadium (diss.filt)	<1 µg/l	TM152	1.06 2#	2.24 #	1.64 #	1.73 #	1.9 #	1.5 #
Zinc (diss.filt)	γg/i <1	TM152	12.4	29.2	21.4	23.2	19.3	19.5
, , , ,	μg/l	02	2#	#	#	#	#	#
Calcium (Dis.Filt)	<0.2	TM152	97.9	96.1	96.8	96	96.3	96.1
	mg/l		2#	#	#	#	#	#
Iron (Dis.Filt)	<0.019	TM152	<0.019	0.681	0.352	0.447	0.366	0.354
	mg/l		2#	#	#	#	#	#
Hardness, Total as CaCO3 unfiltered	<0.35	TM152	325	320	324	319	314	329
Manager (dia Ell)	mg/l	T14400	.0.04	2	2	2 2 2 2 2	2 0 0 1 0 7	2 2 2 2 2
Mercury (diss.filt)	<0.01 µg/l	TM183	<0.01	0.0147	0.0142	0.0152	0.0137	0.0136
Sulphate	<2	TM184	132	132	134	132	132	132
	mg/l		#	#	#	#	#	#
Nitrate as NO3	<0.3	TM184	30.6	30.6	30.6	30.4	29.5	30.5
	mg/l							
Cyanide, Total	<0.05	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	mg/l							
Cyanide, Free	<0.05	TM227	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ohan asimus I languagla at	mg/l	T14044	.0.00	.0.00	.0.00	.0.00	.0.00	.0.00
Chromium, Hexavalent	<0.03	TM241	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
pН	mg/l <1	TM256	7.9	8.24	8.15	8.21	8.13	8.3
p.,	pH Units	TIVIZO	7.5	U.24 #	0.13 #	U.21 #	0.15 #	0.5 #
Phenol	<0.002	TM259	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	mg/l							
Cresols	<0.006	TM259	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
	mg/l							
Xylenols	<0.008	TM259	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Di la Talana di di	mg/l					2.27	22/2	2.215
Phenols, Total Detected monohydric	<0.016	TM259	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
	mg/l							

Superseded Report:

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

PAH Spec MS - Aqueous								
Results Legend # ISO17025 accredited.  m CERTS accredited.	Cı	ıstomer Sample Ref.	SW1	SW2	SW3	SW4	SW5	SW6
M mucht is accreated.  aq Auguous (settled sample. diss.filit. blussolved / filtered sample. tot.umiti total unfiltered sample. Subcontracted - refer to subcontractor report accreditation status.  * Krecovery of the surrogate standard to check		Depth (m) Sample Type Date Sampled Sampled Time	0.00 - 0.00 Surface Water (SW) 07/03/2022					
efficiency of the method. The results of indivic compounds within samples aren't corrected for the recovery  (F) Trigger breach confirmed  1.445@ Sample deviation (see appendix)	dual or	Date Received SDG Ref Lab Sample No.(s) AGS Reference	09/03/2022 220309-77 25938330 EW1	09/03/2022 220309-77 25938342 EW1	09/03/2022 220309-77 25938352 EW1	09/03/2022 220309-77 25938362 EW1	09/03/2022 220309-77 25938373 EW1	09/03/2022 220309-77 25938385 EW1
Component	LOD/Units	Method	40.04	40.04	40.04	-0.04	+0.04	10.04
Naphthalene (aq)	<0.01 µg/l	TM178	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #	<0.01 #
Acenaphthene (aq)	<0.005 µg/l	TM178	<0.005 #	0.0051 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #
Acenaphthylene (aq)	<0.005 µg/l	TM178	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #	<0.005 #
Fluoranthene (aq)	<0.005 µg/l	TM178	0.0195 #	0.133 #	0.0181	0.0189 #	0.0168 #	0.0156 #
Anthracene (aq)	<0.005	TM178	<0.005	0.0086	<0.005	<0.005	<0.005	<0.005
Phenanthrene (aq)	μg/l <0.005	TM178	<0.005	0.0382	* <0.005	<0.005	* <0.005	<0.005
Fluorene (aq)	μg/l <0.005	TM178	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chrysene (aq)	μg/l <0.005	TM178	0.0104	0.08	<0.005	0.0088	0.0104	<0.005
Pyrene (aq)	μg/l <0.005	TM178	0.0203	0.137	0.0196	0.0204	0.019	0.0185
Benzo(a)anthracene (aq)	μg/l <0.005	TM178	<0.005	0.0593	<0.005	<0.005 #	<0.005	<0.005
Benzo(b)fluoranthene (aq)	μg/l <0.005	TM178	0.0175	0.114	0.0164	0.016	0.0146	0.0133
Benzo(k)fluoranthene (aq)	μg/l <0.005	TM178	0.0077	0.0502	0.0062	0.007	0.0061	0.0072
Benzo(a)pyrene (aq)	μg/l <0.002	TM178	0.0113 #	0.0795	0.0109	0.0111	0.0103	0.0118
Dibenzo(a,h)anthracene (aq)	μg/l <0.005	TM178	* <0.005	# 0.0304	* <0.005	* <0.005	* <0.005	<0.005
Benzo(g,h,i)perylene (aq)	μg/l <0.005	TM178	0.0058	# 0.0765	# <0.005	0.0062	<0.005	<0.005
Indeno(1,2,3-cd)pyrene (aq)	μg/l <0.005	TM178	0.0109 #	0.0683	* <0.005	0.0095	# <0.005	<0.005
PAH, Total Detected USEPA 16 (aq)	μg/l <0.082	TM178	0.103	0.88	<b>*</b>	0.0979	<b>*</b>	<0.082
,	μg/l	1M170	#	#	#	#	#	#

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Superseded Report:

TPH CWG (W)								
Results Legend # ISO17025 accredited.		Customer Sample Ref.	SW1	SW2	SW3	SW4	SW5	SW6
M mCERTS accredited. Aqueous / settled sample.								
diss.filt Dissolved / filtered sample.		Depth (m)	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Subcontracted - refer to subcontractor report	for	Sample Type Date Sampled	Surface Water (SW) 07/03/2022					
accreditation status.  ** % recovery of the surrogate standard to check	k the	Sampled Time						
efficiency of the method. The results of individ compounds within samples aren't corrected for	dual	Date Received SDG Ref	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77	09/03/2022 220309-77
the recovery		Lab Sample No.(s)	25938330	25938342	25938352	25938362	25938373	25938385
(F) Trigger breach confirmed  1-4♦§@ Sample deviation (see appendix)		AGS Reference	EW1	EW1	EW1	EW1	EW1	EW1
Component	LOD/Unit	ts Method						
GRO Surrogate % recovery**		TM245	99	91	97	95	95	80
	%							
GRO >C5-C12	<50	TM245	<50	<50	<50	<50	<50	<50
A II II II AATOS)	μg/l		#_	#	#	#	#	#
Methyl tertiary butyl ether (MTBE)	<3	TM245	<3	<3	<3	<3	<3	<3
Benzene	μg/l <7	TM245	<7	# <7	<b>*</b>	<b>*</b>	# <7	<b>*</b>
Delizerie	µg/l	1101243	~ <i>'</i>	\ #	-	#	-1	~ <i>'</i>
Toluene	<4	TM245	<4	-π <4	<del>π</del>	-π <4	π <4	<4
	μg/l	2.10	. #	. #	. #	. #	. #	. #
Ethylbenzene	<5	TM245	<5	<5	<5	<5	<5	<5
	μg/l		#	#	#	#	#	#
m,p-Xylene	<8	TM245	<8	<8	<8	<8	<8	<8
	μg/l		#	#	#	#	#	#
o-Xylene	<3	TM245	<3	<3	<3	<3	<3	<3
	μg/l		#	#	#	#	#	#
Sum of detected Xylenes	<11	TM245	<11	<11	<11	<11	<11	<11
O. C.I. I. INTEV	μg/l	T14045		20	20	20	20	22
Sum of detected BTEX	<28	TM245	<28	<28	<28	<28	<28	<28
Aliphatics >C5-C6	μg/l <10	TM245	<10	<10	<10	<10	<10	<10
Allphatics > CO-CO	μg/l	1101245	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>
Aliphatics >C6-C8	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l	TIVIZ-TO	110	110	110	110	110	110
Aliphatics >C8-C10	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l			·			·	-
Aliphatics >C10-C12	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l							
Aliphatics >C12-C16 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
	μg/l							
Aliphatics >C16-C21 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
All I. II. (204 205 ( )	μg/l	=						
Aliphatics >C21-C35 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
Total Aliphatics >C12-C35 (aq)	μg/l <10	TM174	<10	<10	<10	<10	<10	<10
Total Aliphatics > 0.12-000 (aq)	µg/l	1101174	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>
Aromatics >EC5-EC7	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l							
Aromatics >EC7-EC8	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l							
Aromatics >EC8-EC10	<10	TM245	<10	<10	<10	<10	<10	<10
	μg/l							
Aromatics >EC10-EC12	<10	TM245	<10	<10	<10	<10	<10	<10
A	µg/l	T11171		40	10	40	40	40
Aromatics >EC12-EC16 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
Aromatics >EC16-EC21 (aq)	μg/l <10	TM174	<10	<10	<10	<10	<10	<10
Alonates > Lo 10-Lo21 (aq)	µg/l	1101174	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>	<b>\10</b>
Aromatics >EC21-EC35 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
. "	μg/l			·			·	-
Total Aromatics >EC12-EC35 (aq)	<10	TM174	<10	<10	<10	<10	<10	<10
	μg/l							
Total Aliphatics & Aromatics >C5-35	<10	TM174	<10	<10	<10	<10	<10	<10
(aq)	μg/l							
Aliphatics >C16-C35 Aqueous	<10	TM174	<10	<10	<10	<10	<10	<10
	μg/l							
		+ +						
		+ +						
		<del>                                     </del>						

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### **Table of Results - Appendix**

Method No	Reference	Description
		·
TM090	Method 5310, AWWA/APHA, 20th Ed., 1999 / Modified: US EPA Method 415.1 & 9060	Determination of Total Organic Carbon/Total Inorganic Carbon in Water and Waste Water
TM099	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	Determination of Ammonium in Water Samples using the Kone Analyser
TM101	Method 4500B & C, AWWA/APHA, 20th Ed., 1999	Determination of Sulphide in soil and water samples using the Kone Analyser
TM152	ISO 17294-2:2016 Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS)	Analysis of Aqueous Samples by ICP-MS
TM174	Analysis of Petroleum Hydrocarbons in Environmental Media – Total Petroleum Hydrocarbon Criteria	Determination of Speciated Extractable Petroleum Hydrocarbons in Waters by GC-FID
TM178	Modified: US EPA Method 8100	Determination of Polynuclear Aromatic Hydrocarbons (PAH) by GC-MS in Waters
TM183	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3	Determination of Trace Level Mercury in Waters and Leachates by PSA Cold Vapour Atomic Fluorescence Spectrometry
TM184	EPA Methods 325.1 & 325.2,	The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers
TM227	Standard methods for the examination of waters and wastewaters 20th Edition, AWWA/APHA Method 4500.	Determination of Total Cyanide, Free (Easily Liberatable) Cyanide and Thiocyanate
TM241	Methods for the Examination of Waters and Associated Materials; Chromium in Raw and Potable Waters and Sewage Effluents 1980.	The Determination of Hexavalent Chromium in Waters and Leachates using the Kone Analyser
TM245	By GC-FID	Determination of GRO by Headspace in waters
TM256	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011 751428 4, Standard Methods for the examination of waters and wastewaters 20th Edition, PHA, Washington DC, USA. ISBN 0-87553-235-7 and The Determination of Alkalinity and Acidity in water HMSO, 1981, ISBN 0 11 751601 5.	Determination of pH, EC, TDS and Alkalinity in Aqueous samples
TM259	by HPLC	Determination of Phenols in Waters and Leachates by HPLC

NA = not applicable.

Chemical testing (unless subcontracted) performed at ALS Environmental Hawarden (Method codes TM) or ALS Environmental Aberdeen (Method codes S).

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report:
Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

**Test Completion Dates** 

Lab Sample No(s)	25938330	25938342	25938352	25938362	25938373	25938385
Customer Sample Ref.	SW1	SW2	SW3	SW4	SW5	SW6
_						
AGS Ref.	EW1	EW1	EW1	EW1	EW1	EW1
Depth	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00	0.00 - 0.00
Туре	Surface Water					
Ammonium Low	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
Anions by Kone (w)	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	15-Mar-2022	16-Mar-2022
Cyanide Comp/Free/Total/Thiocyanate	14-Mar-2022	14-Mar-2022	14-Mar-2022	14-Mar-2022	14-Mar-2022	14-Mar-2022
Dissolved Metals by ICP-MS	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
Dissolved Organic/Inorganic Carbon	13-Mar-2022	13-Mar-2022	13-Mar-2022	13-Mar-2022	13-Mar-2022	13-Mar-2022
EPH CWG (Aliphatic) Aqueous GC (W)	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
EPH CWG (Aromatic) Aqueous GC (W)	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
GRO by GC-FID (W)	16-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022
Hexavalent Chromium (w)	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
Mercury Dissolved	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
Nitrite by Kone (w)	12-Mar-2022	12-Mar-2022	12-Mar-2022	12-Mar-2022	12-Mar-2022	16-Mar-2022
PAH Spec MS - Aqueous (W)	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022
pH Value	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022
Phenois by HPLC (W)	15-Mar-2022	15-Mar-2022	14-Mar-2022	15-Mar-2022	14-Mar-2022	15-Mar-2022
Sulphide	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022
Total Metals by ICP-MS	14-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	15-Mar-2022	14-Mar-2022
TPH CWG (W)	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022	16-Mar-2022

#### **CERTIFICATE OF ANALYSIS**

Validated



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Superseded Report:

#### **ASSOCIATED AQC DATA**

#### Ammonium Low

Component	Method Code	QC 2586	QC 2570	QC 2533
Ammoniacal Nitrogen as N	TM099	105.8	105.4	107.0
		90.32 : 112.63	90.32 : 112.63	90.32 : 112.63

#### Anions by Kone (w)

Component	Method Code	QC 2560	QC 2546
Chloride	TM184	<b>102.0</b> 95.10 : 104.28	<b>106.0</b> 97.18 : 113.20
Sulphate (soluble)	TM184	<b>102.8</b> 91.99 : 109.30	<b>104.8</b> 96.54 : 111.66
TON as NO3	TM184	<b>102.0</b> 90.35 : 108.35	<b>109.0</b> 100.65 : 111.75

#### Cyanide Comp/Free/Total/Thiocyanate

Component	Method Code	QC 2552
Free Cyanide (W)	TM227	82.0
		80.33 : 126.33
Thiocyanate (W)	TM227	102.75
		84.05 : 116.45
Total Cyanide (W)	TM227	103.75
		79.19 : 117.11

#### Dissolved Metals by ICP-MS

Component	Method Code	QC 2529
Aluminium	TM152	<b>104.0</b> 90.98 : 111.82
Antimony	TM152	<b>109.67</b> 90.44 : 113.04
Arsenic	TM152	<b>108.5</b> 94.87 : 109.67
Barium	TM152	<b>107.0</b> 90.20 : 111.19
Beryllium	TM152	<b>104.83</b> 87.77 : 113.97
Bismuth	TM152	<b>108.17</b> 91.90 : 112.20
Borate	TM152	<b>104.94</b> 88.00 : 112.00
Boron	TM152	<b>105.0</b> 92.27 : 112.40
Cadmium	TM152	<b>103.67</b> 96.43 : 110.53
Calcium	TM152	<b>102.67</b> 95.14 : 110.01
Chromium	TM152	<b>101.5</b> 91.84 : 108.67
Cobalt	TM152	<b>99.33</b> 90.72 : 109.61

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

Dissolved Metals by ICP-MS

		QC 2529
Copper	TM152	<b>103.5</b> 94.47 : 109.05
Iron	TM152	102.0
		94.40 : 107.90
Lead	TM152	106.5
		93.55 : 109.46
Lithium	TM152	104.33
		91.62 : 113.12
Magnesium	TM152	103.33
	T14450	92.30 : 110.57
Manganese	TM152	103.0
Molybdenum	TM152	94.75 : 108.21
Wolybacham	1111102	<b>105.5</b> 93.55 : 107.66
Nickel	TM152	102.33
		88.00 : 112.00
Phosphorus	TM152	103.5
		92.51 : 109.27
Potassium	TM152	103.33
		92.16 : 109.93
Selenium	TM152	108.0
		91.58 : 115.98
Silver	TM152	106.83
On divine	TM152	92.75 : 111.05
Sodium	1101152	<b>102.67</b> 89.47 : 109.62
Strontium	TM152	
ou on a man		<b>107.67</b> 95.40 : 109.43
Tellurium	TM152	113.17
		93.32 : 114.66
Thallium	TM152	105.33
		88.00 : 112.00
Tin	TM152	108.33
		92.63 : 109.70
Titanium	TM152	102.67
Tungston	TM450	95.58 : 111.68
Tungsten	TM152	<b>103.17</b> 94.68 : 107.68
Uranium	TM152	
Ordinani	111102	<b>107.83</b> 88.00 : 112.00
Vanadium	TM152	100.83
		88.00 : 112.00
Zinc	TM152	108.0
		95.31 : 110.74

#### Dissolved Organic/Inorganic Carbon

Component	Method Code	QC 2528
Dissolved Inorganic Carbon	TM090	<b>107.83</b> 93.58 : 112.28
Dissolved Organic Carbon	TM090	<b>100.67</b> 97.42 : 107.52

#### **CERTIFICATE OF ANALYSIS**

Validated



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833 Location: A46 Newark Northern Bypass

Superseded Report:

#### EPH CWG (Aliphatic) Aqueous GC (W)

Component	Method Code	QC 2514
Total Aliphatics >C10-C40	TM174	<b>112.71</b> 69.79 : 134.39

#### EPH CWG (Aromatic) Aqueous GC (W)

Component	Method Code	QC 2517
Total Aromatics >EC10-EC40	TM174	98.78
		59.92 : 128.54

#### GRO by GC-FID (W)

Component	Method Code	QC 2527	QC 2547
Benzene by GC	TM245	<b>105.5</b> 81.54 : 119.70	<b>102.5</b> 79.13 : 118.84
Ethylbenzene by GC	TM245	<b>109.0</b> 80.99 : 121.09	<b>106.0</b> 79.54 : 115.99
m & p Xylene by GC	TM245	<b>108.75</b> 82.77 : 123.19	<b>106.75</b> 78.44 : 116.32
MTBE GC-FID	TM245	<b>105.5</b> 80.06 : 123.27	<b>101.5</b> 81.43 : 120.09
o Xylene by GC	TM245	<b>109.0</b> 84.26 : 121.50	<b>106.5</b> 76.85 : 120.29
QC	TM245	<b>98.69</b> 67.65 : 138.14	<b>85.51</b> 59.97 : 121.29
Toluene by GC	TM245	<b>108.0</b> 82.78 : 121.99	<b>105.5</b> 79.00 : 121.96

#### Hexavalent Chromium (w)

Component	Method Code	QC 2597
Hexavalent Chromium	TM241	<b>96.6</b> 94.17 : 106.17

#### Mercury Dissolved

Component	Method Code	QC 2581	QC 2501
Mercury Dissolved (CVAF)	TM183	89.3	91.2
		0.00:0.00	0.00 : 0.00

#### PAH Spec MS - Aqueous (W)

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

PAH Spec MS - Aqueous (W)

Component	Method Code	QC 2519
Acenaphthene by GCMS	TM178	110.4
		98.40 : 117.60
Acenaphthylene by GCMS	TM178	110.8
		96.80 : 118.40
Anthracene by GCMS	TM178	109.2
		94.40 : 116.00
Benz(a)anthracene by GCMS	TM178	110.4
		92.80 : 116.80
Benzo(a)pyrene by GCMS	TM178	110.0
		89.43 : 118.57
Benzo(b)fluoranthene by	TM178	109.2
GCMS		87.80 : 121.80
Benzo(ghi)perylene by GCMS	TM178	103.2
(9/[]		92.00 : 116.00
Benzo(k)fluoranthene by	TM178	
GCMS	TIWITTO	112.4
Oharrana hu COMO	TM470	88.72 : 111.28
Chrysene by GCMS	TM178	109.6
		88.68 : 116.92
Dibenzo(ah)anthracene by GCMS	TM178	101.6
		86.24 : 118.56
Fluoranthene by GCMS	TM178	109.2
		91.20 : 117.60
Fluorene by GCMS	TM178	111.2
		90.76 : 121.24
Indeno(123cd)pyrene by	TM178	109.6
GCMS		88.39 : 119.61
Naphthalene by GCMS	TM178	113.2
		98.00 : 119.60
Phenanthrene by GCMS	TM178	110.4
		96.00 : 117.60
Pyrene by GCMS	TM178	110.8
		91.00 : 120.20

#### pH Value

Component	Method Code	QC 2528	QC 2534	QC 2537
pН	TM256	99.73	100.13	100.4
		99.20 : 102.41	99.20 : 102.41	99.20 : 102.41

#### Phenols by HPLC (W)

Component	Method Code	QC 2572	QC 2520
2.3.5 Trimethyl-Phenol by HPLC (W)	TM259	<b>99.61</b> 73.97 : 135.63	<b>99.61</b> 73.97 : 135.63
2-Isopropyl Phenol by HPLC (W)	TM259	<b>95.6</b> 80.00 : 116.00	<b>95.6</b> 80.00 : 116.00
Cresols by HPLC (W)	TM259	<b>100.66</b> 85.46 : 124.01	<b>100.0</b> 85.46 : 124.01
Napthol by HPLC (W)	TM259	<b>99.61</b> 75.83 : 130.17	<b>99.61</b> 75.83 : 130.17

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Phenols by HPLC (W)

		QC 2572	QC 2520
Phenol by HPLC (W)	TM259	<b>96.41</b> 82.00 : 118.00	<b>94.52</b> 82.00 : 118.00
Xylenols by HPLC (W)	TM259	<b>96.84</b> 88.33 : 112.33	<b>96.84</b> 88.33 : 112.33

#### Sulphide

	Component	Method Code	QC 2520	QC 2587
Ι	Sulphide	TM101	99.33	100.0
ı			88.67 : 116.67	88.67 : 116.67

#### Total Metals by ICP-MS

Component	Method Code	QC 2526	QC 2551	QC 2589
Aluminium	TM152	<b>103.33</b> 94.52 : 115.29	<b>105.0</b> 88.99 : 114.16	<b>105.0</b> 88.99 : 114.16
Antimony	TM152	<b>106.0</b> 95.49 : 120.08	<b>109.17</b> 93.05 : 123.32	<b>104.17</b> 93.05 : 123.32
Arsenic	TM152	<b>106.83</b> 96.52 : 112.66	<b>106.67</b> 97.95 : 112.90	<b>104.83</b> 97.95 : 112.90
Barium	TM152	<b>104.5</b> 93.42 : 112.02	<b>112.17</b> 95.11 : 116.80	<b>108.33</b> 95.11 : 116.80
Beryllium	TM152	<b>104.67</b> 94.31 : 118.42	<b>105.83</b> 96.06 : 116.39	<b>106.17</b> 96.06 : 116.39
Bismuth	TM152	<b>103.83</b> 96.01 : 116.68	<b>110.17</b> 93.21 : 113.89	<b>106.83</b> 93.21 : 113.89
Boron	TM152	<b>103.67</b> 93.80 : 119.51	<b>106.67</b> 86.68 : 117.67	<b>108.0</b> 86.68 : 117.67
Cadmium	TM152	<b>104.33</b> 97.46 : 112.99	<b>105.67</b> 96.08 : 112.92	<b>104.5</b> 96.08 : 112.92
Calcium	TM152	<b>102.67</b> 95.21 : 112.87	<b>106.0</b> 95.17 : 121.17	<b>106.0</b> 95.17 : 121.17
Chromium	TM152	<b>102.83</b> 92.14 : 112.07	<b>102.67</b> 97.65 : 111.90	<b>102.0</b> 97.65 : 111.90
Cobalt	TM152	<b>100.33</b> 91.80 : 113.60	<b>101.5</b> 96.52 : 113.04	<b>101.17</b> 96.52 : 113.04
Copper	TM152	<b>104.33</b> 94.02 : 114.05	<b>103.0</b> 97.32 : 113.53	<b>101.17</b> 97.32 : 113.53
Iron	TM152	<b>103.33</b> 93.62 : 111.65	<b>102.0</b> 96.27 : 111.69	<b>101.33</b> 96.27 : 111.69
Lead	TM152	<b>103.5</b> 93.06 : 113.74	<b>108.67</b> 96.90 : 113.51	<b>106.17</b> 96.90 : 113.51
Lithium	TM152	<b>104.5</b> 89.26 : 119.04	<b>107.83</b> 94.68 : 116.74	<b>107.67</b> 94.68 : 116.74
Magnesium	TM152	<b>103.33</b> 90.21 : 113.53	<b>104.67</b> 92.42 : 114.10	<b>104.0</b> 92.42 : 114.10
Manganese	TM152	<b>103.17</b> 92.63 : 111.13	<b>103.67</b> 97.04 : 112.45	<b>102.67</b> 97.04 : 112.45
Molybdenum	TM152	<b>103.5</b> 90.69 : 112.73	<b>105.33</b> 90.74 : 110.67	<b>101.5</b> 90.74 : 110.67

Superseded Report:

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

#### Total Metals by ICP-MS

		QC 2526	QC 2551	QC 2589
Nickel	TM152	<b>103.17</b> 92.80 : 112.94	<b>102.33</b> 97.57 : 113.15	<b>101.0</b> 97.57 : 113.15
Phosphorus	TM152	<b>103.17</b> 89.80 : 113.16	<b>108.83</b> 96.28 : 113.79	<b>107.67</b> 96.28 : 113.79
Potassium	TM152	<b>103.33</b> 91.26 : 116.75	<b>106.67</b> 96.14 : 114.83	<b>107.33</b> 96.14 : 114.83
Selenium	TM152	<b>105.67</b> 88.44 : 113.86	<b>107.67</b> 96.70 : 113.86	<b>107.33</b> 96.70 : 113.86
Silver	TM152	<b>104.33</b> 88.22 : 124.02	<b>106.5</b> 82.13 : 120.33	<b>103.17</b> 82.13 : 120.33
Sodium	TM152	<b>102.0</b> 88.41 : 117.39	<b>102.0</b> 92.77 : 115.64	<b>102.67</b> 92.77 : 115.64
Strontium	TM152	<b>104.0</b> 90.72 : 114.82	<b>106.67</b> 90.72 : 114.82	<b>107.33</b> 90.72 : 114.82
Tellurium	TM152	<b>107.0</b> 100.53 : 113.91	<b>115.0</b> 95.55 : 115.82	<b>109.67</b> 95.55 : 115.82
Thallium	TM152	<b>94.67</b> 84.25 : 117.85	<b>105.67</b> 80.92 : 114.72	<b>103.5</b> 80.92 : 114.72
Tin	TM152	<b>104.0</b> 93.65 : 112.33	<b>108.33</b> 96.04 : 111.04	<b>104.5</b> 96.04 : 111.04
Titanium	TM152	<b>102.33</b> 93.82 : 116.72	<b>106.17</b> 96.48 : 114.94	<b>105.83</b> 96.48 : 114.94
Uranium	TM152	<b>102.33</b> 90.58 : 113.28	<b>107.67</b> 95.56 : 112.07	<b>106.17</b> 95.56 : 112.07
Vanadium	TM152	<b>104.17</b> 88.43 : 114.30	<b>100.67</b> 88.43 : 114.30	<b>101.83</b> 88.43 : 114.30
Zinc	TM152	<b>106.67</b> 95.48 : 113.79	<b>105.33</b> 97.95 : 113.95	<b>103.33</b> 97.95 : 113.95

The above information details the reference name of the analytical quality control sample (AQC) that has been run with the samples contained in this report for the different methods of analysis.

The figure detailed is the percentage recovery result for the AQC.

The subscript numbers below are the percentage recovery lower control limit (LCL) and the upper control limit (UCL). The percentage recovery result for the AQC should be between these limits to be statistically in control.

#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

Chromatogram

Sample No : Sample ID : Analysis: EPH CWG (Aliphatic) Aqueous GC (W) **Depth:** 0.00 - 0.0025954202 SW6

Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

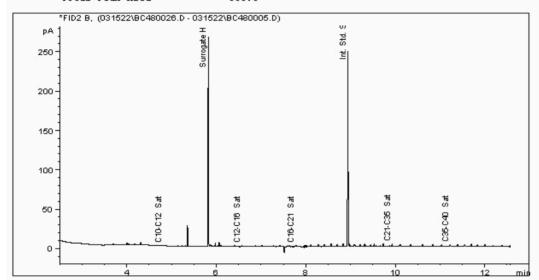
Sample Identity: 24210013-

Date Acquired : 15/03/2022 19:59:56 PM

: ppb : SE SW6[0.00 - 0.00] Dilution CF

: 1 : 0.025 Multiplier

#	Compound Na	me Main Peak Ares	Amount
1	C10-C12 Sat	0.	0.000
2	Surrogate H	183.	2 0.244
3	C12-C16 Sat	0.	0.000
4	C16-C21 Sat	0.	0.000
.5	Int. Std. S	196.	7 0.250
6	C21-C35 Sat	0.	0 0.000
7	C35-C40 Sat	. 0.	0.000
	Total Peak	Area 380.	0



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948

Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aliphatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954205

Sample ID : SW3

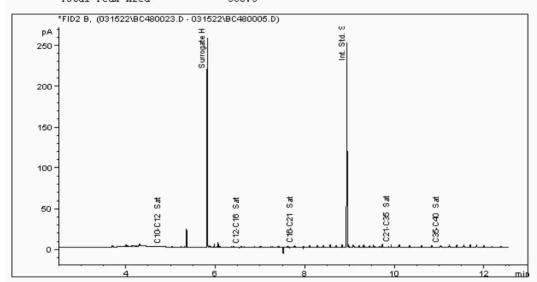
Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

Sample Identity: 24209959-

Date Acquired : 15/03/2022 18:49:21 PM

: ppb : SE SW3[0.00 - 0.00] Dilution CF

#	Compound Nam	ne - Main Peak Area	Amount
-	C10-C12 Sat	0.0	0.000
	Surrogate H	178.7	0.232
3	C12-C16 Sat	0.0	0.000
5	C16-C21 Sat	0.0	0.000
	Int. Std. S	201.8	0.250
	C21-C35 Sat	0.0	0.000
	C35-C40 Sat	0.0	0.000
	Total Peak A		0.000



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948

Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aliphatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954210 Sample ID : SW5

Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

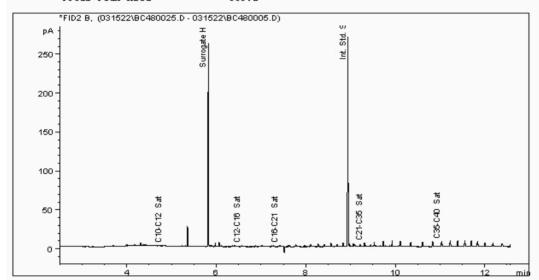
Sample Identity: 24209995-

Date Acquired : 15/03/2022 19:36:19 PM

: ppb : SE SW5[0.00 - 0.00] Dilution CF

: 1 : 0.025 Multiplier

#	Compound Na	ame	Main Peak Area	Amount
1	C10-C12 Sat		0.0	0.000
2	Surrogate H		181.4	0.229
3	C12-C16 Sat		0.0	0.000
4	C16-C21 Sat		0.0	0.000
- 5	Int. Std. S		207.8	0.250
6	C21-C35 Sat		0.0	0.000
-7	C35-C40 Sat		0.0	0.000
	Total Peak	Area	389.2	



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

Chromatogram

Analysis: EPH CWG (Aliphatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954216 Sample ID :

Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

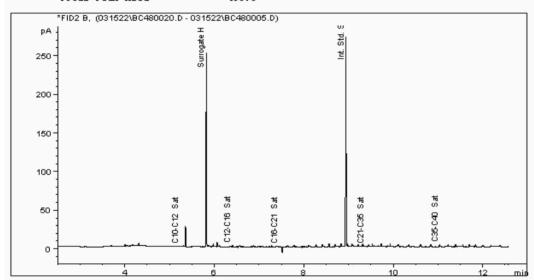
Sample Identity: 24209941-

Date Acquired : 15/03/2022 17:39:16 PM

: ppb : SE SW2[0.00 - 0.00] Dilution CF

SW2

#	Compound Na	ne Main Peak Area	Amount
-	C10-C12 Sat	0.0	0.000
	Surrogate H C12-C16 Sat	185.7 0.0	0.224 0.000
	C16-C21 Sat Int. Std. S	0.0 217.3	0.000 0.250
6	C21-C35 Sat	0.0	0.000
7	C35-C40 Sat Total Peak	0.0 Area 403.0	0.000



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948

Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aliphatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954226 Sample ID : SW1

Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

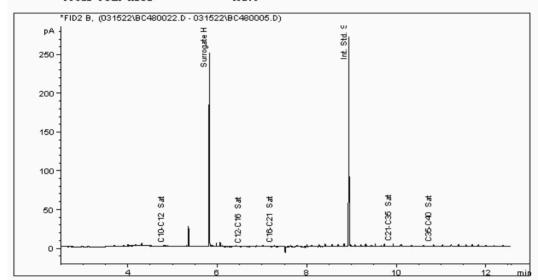
Sample Identity: 24209920-

Date Acquired : 15/03/2022 18:25:51 PM

: ppb : SE SW1[0.00 - 0.00] Dilution CF

: 1 : 0.025 Multiplier

#	Compound Na	ame	Main Peak Area	Amount
1	C10-C12 Sat		0.0	0.000
2	Surrogate H		186.2	0.225
3	C12-C16 Sat		0.0	0.000
4	C16-C21 Sat		0.0	0.000
- 5	Int. Std. S		216.7	0.250
6	C21-C35 Sat		0.0	0.000
7	C35-C40 Sat		0.0	0.000
	Total Peak	Area	402.9	



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948

Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aliphatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954230 Sample ID : SW4

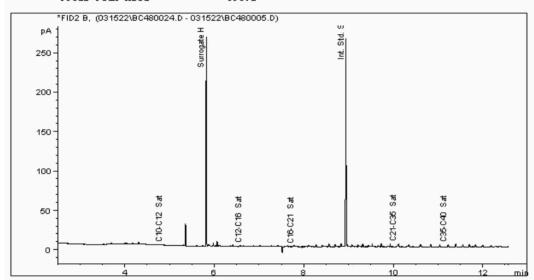
Alcontrol/Geochem Analytical Services Speciated TPH - SATS ( Cl2 - C40 )

Sample Identity: 24209977-

Date Acquired : 15/03/2022 19:13:05 PM

: ppb : SE SW4[0.00 - 0.00] Dilution CF

#	Compound Na	me Main Peak Area	Amount
-	C10-C12 Sat	0.0	
	Surrogate H C12-C16 Sat	184.4 0.0	
	C16-C21 Sat	0.0	
	Int. Std. S C21-C35 Sat	210.8 0.0	7.777
	C35-C40 Sat	0.0	
	Total Peak	Area 395.2	



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954202

Sample ID : SW6

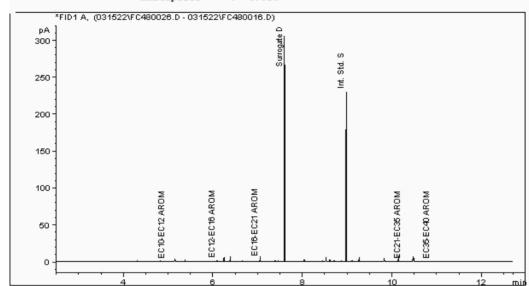
Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( C12 - C40 )

Sample Identity: 24210014-

Date Acquired : 15/03/2022 19:59:55 PM

ppb

Dilution CF SE SW6[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



Report Number: 637833 SDG: 220309-77 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954205 Sample ID : SW3

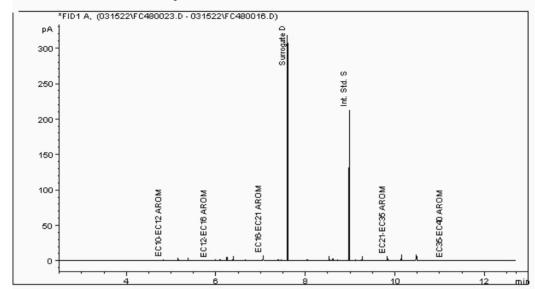
Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( C12 - C40 )

Sample Identity: 24209960-

Date Acquired : 15/03/2022 18:49:20 PM

ppb

Dilution CF SE SW3[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954210 Sample ID : SW5

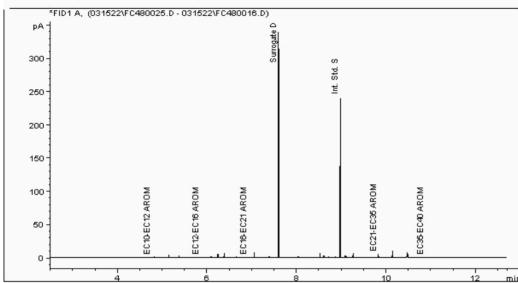
Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( C12 - C40 )

Sample Identity: 24209996-

Date Acquired : 15/03/2022 19:36:18 PM

ppb

Dilution CF SE SW5[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948

Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) Sample No : **Depth:** 0.00 - 0.0025954216 Sample ID :

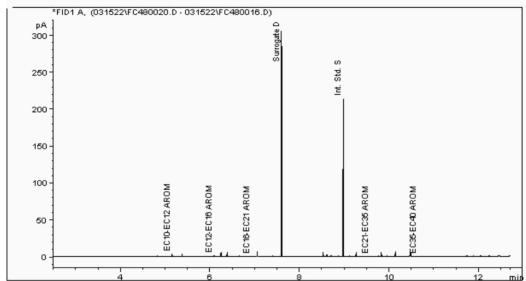
SW2 Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( C12 - C40 )

Sample Identity: 24209942-

Date Acquired : 15/03/2022 17:39:15 PM

ppb

Dilution CF SE SW2[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report:

Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) **Depth:** 0.00 - 0.00Sample No : 25954226 Sample ID : SW1

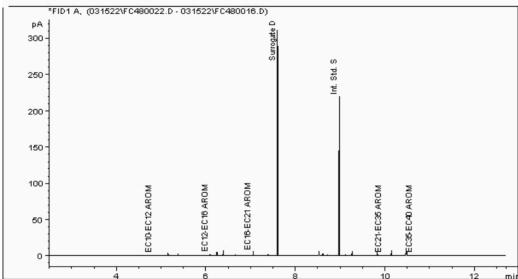
Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( C12 - C40 )

Sample Identity: 24209921-

Date Acquired : 15/03/2022 18:25:50 PM

ppb

Dilution CF SE SW1[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Report Number: 637833 Superseded Report: Client Ref.: 784-B026948 Location: A46 Newark Northern Bypass

#### Chromatogram

Analysis: EPH CWG (Aromatic) Aqueous GC (W) **Depth:** 0.00 - 0.00Sample No : 25954230

Sample ID : SW4

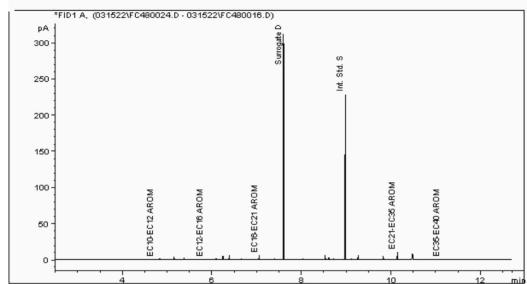
Alcontrol/Geochem Analytical Services Speciated TPH - AROM ( Cl2 - C40 )

Sample Identity: 24209978-

Date Acquired : 15/03/2022 19:13:06 PM

ppb

Dilution CF SE SW4[0.00 - 0.00]



#### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

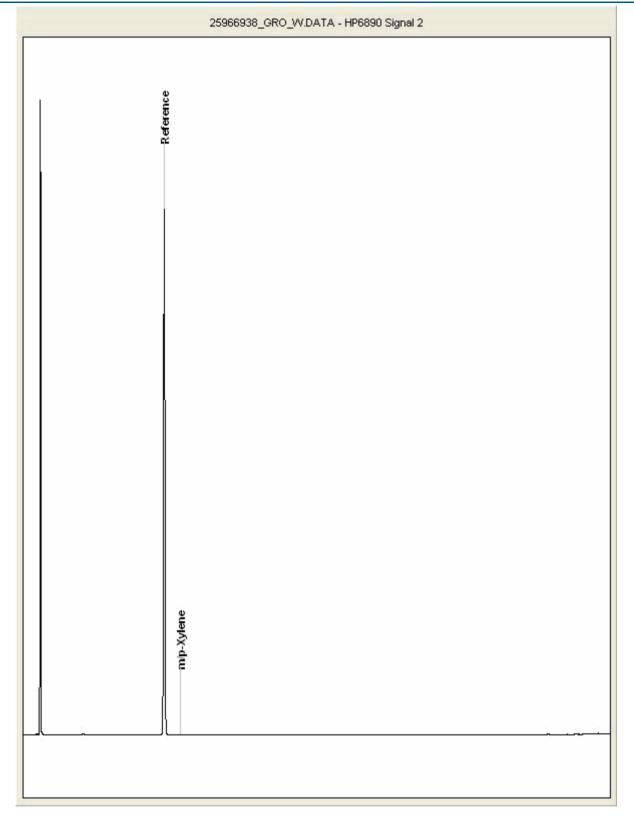
Location: A46 Newark Northern Bypass

Superseded Report:

#### Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25966938 **Depth:** 0.00 - 0.00

SW2



Superseded Report:

#### **CERTIFICATE OF ANALYSIS**



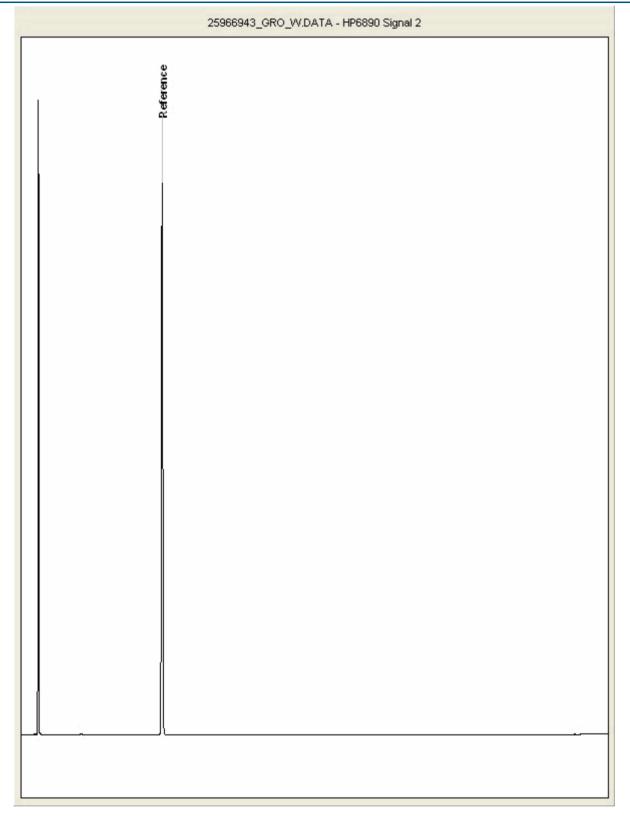
SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25966943 **Depth:** 0.00 - 0.00

SW4



Superseded Report:

#### **CERTIFICATE OF ANALYSIS**



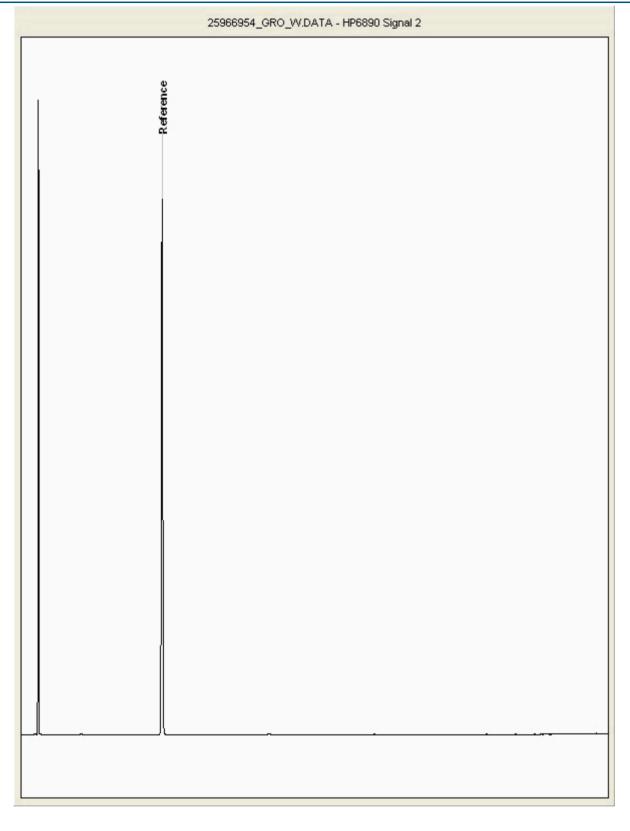
SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25966954 **Depth:** 0.00 - 0.00

SW5



Validated

### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948

Report Number: 637833

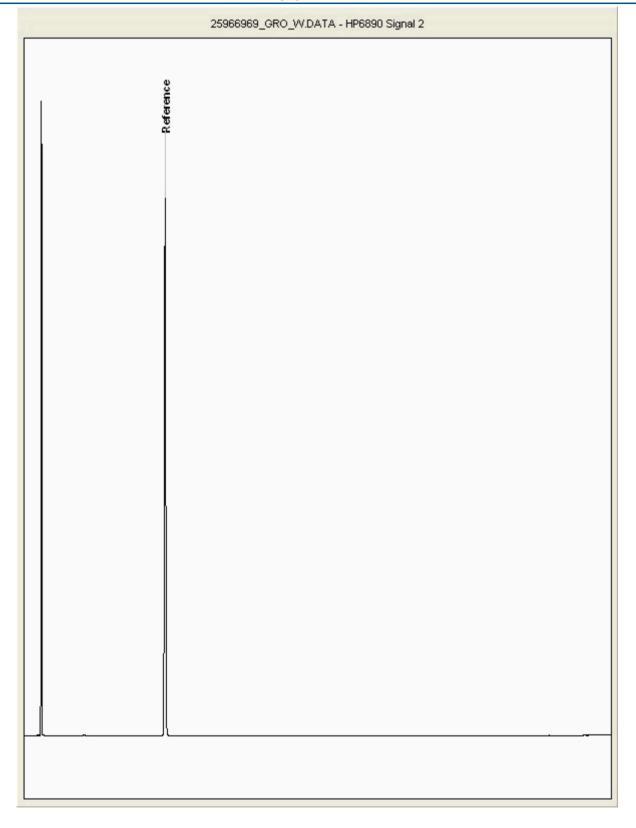
Location: A46 Newark Northern Bypass

Superseded Report:

## Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25966969 **Depth:** 0.00 - 0.00

SW3



### Validated

### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

Location: A46 Newark Northern Bypass

Superseded Report:

## Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25967023 **Depth:** 0.00 - 0.00

SW6

25967023\_GRO\_W.DATA - HP6890 Signal 2

### Validated

### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Client Ref.: 784-B026948 Report Number: 637833

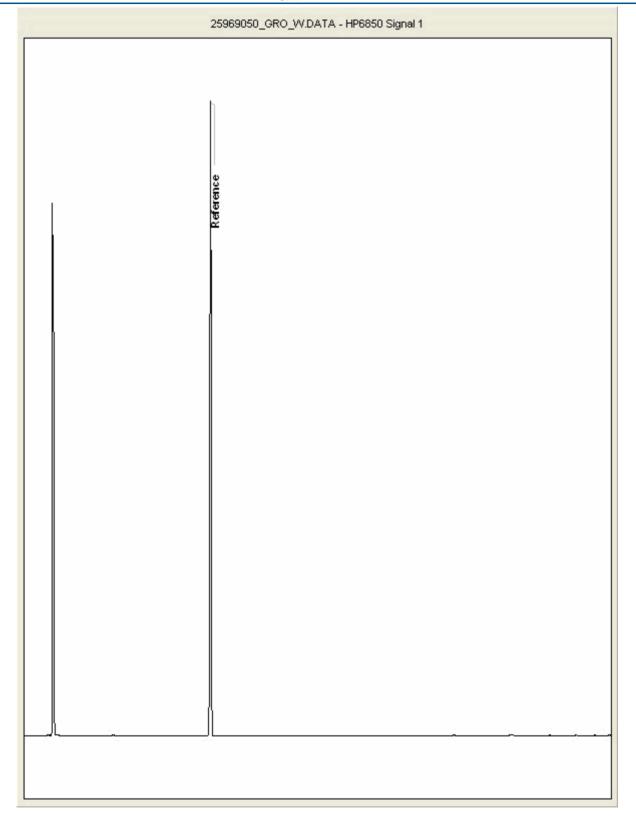
Location: A46 Newark Northern Bypass

Superseded Report:

## Chromatogram

Sample No : Sample ID : Analysis: GRO by GC-FID (W) 25969050 **Depth:** 0.00 - 0.00

SW1



### **CERTIFICATE OF ANALYSIS**



SDG: 220309-77 Location: A46 Newark Northern Bypass

Client Reference: Order Number: 784-B026948 7001649 Report Number: Superseded Report: 637833

## **Appendix**

### General

- 1. Results are expressed on a dry weight basis (dried at 35°C) for all soil analyses except for the following: NRA and CEN Leach tests, flash point LOI, pH, ammonium as NH4 by the BRE method, VOC TICs and SVOC TICs.
- 2. If sufficient sample is received a sub sample will be retained free of charge for 30 days after analysis is completed (e-mailed) for all sample types unless the sample is destroyed on testing. The prepared soil sub sample that is analysed for asbestos will be retained for a period of 6 months after the analysis date. All bulk samples will be retained for a period of 6 months after the analysis date. All samples received and not scheduled will be disposed of one month after the date of receipt unless we are instructed to the contrary. Once the initial period has expired, a storage charge will be applied for each month or part thereof until the client cancels the request for sample storage. ALS reserve the right to charge for samples received and stored but not analysed.
- 3. With respect to turnaround, we will always endeavour to meet client requirements wherever possible, but turnaround times cannot be absolutely guaranteed due to so many variables beyond our control.
- 4. We take responsibility for any test performed by sub-contractors (marked with an asterisk). We endeavour to use UKAS/MCERTS Accredited Laboratories, who either complete a quality questionnaire or are audited by ourselves. For some determinands there are no UKAS/MCERTS Accredited Laboratories, in this instance a laboratory with a known track record will be utilised.
- 5. If no separate volatile sample is supplied by the client, or if a headspace or sediment is present in the volatile sample, the integrity of the data may be compromised. This will be flagged up as an invalid VOC on the test schedule and the result marked as deviating on the test certificate.
- 6. NDP No determination possible due to insufficient/unsuitable sample.
- 7. Results relate only to the items tested.
- 8. LoDs (Limit of Detection) for wet tests reported on a dry weight basis are not corrected for moisture content.
- 9. Surrogate recoveries Surrogates are added to your sample to monitor recovery of the test requested. A % recovery is reported, results are not corrected for the recovery measured. Typical recoveries for organics tests are 70-130%. Recoveries in soils are affected by organic rich or clay rich matrices. Waters can be affected by remediation fluids or high amounts of sediment. Test results are only ever reported if all of the associated quality checks pass; it is assumed that all recoveries outside of the values above are due to matrix affect.
- 10. Stones/debris are not routinely removed. We always endeavour to take a representative sub sample from the received sample.
- 11. In certain circumstances the method detection limit may be elevated due to the sample being outside the calibration range. Other factors that may contribute to this include possible interferences. In both cases the sample would be diluted which would cause the method detection limit to be raised.
- $12. \ For \ dried \ and \ crushed \ preparations \ of soils \ volatile \ loss \ may \ occur \ e.g \ volatile \ mercury.$
- 13. For leachate preparations other than Zero Headspace Extraction (ZHE) volatile loss may occur.
- 14. For the BSEN 12457-3 two batch process to allow the cumulative release to be calculated, the volume of the leachate produced is measured and filtered for all tests. We therefore cannot carry out any unfiltered analysis. The tests affected include volatiles GCFID/GCMS and all subcontracted analysis.
- 15. Analysis and identification of specific compounds using GCFID is by retention time only, and we routinely calibrate and quantify for benzene, toluene, ethylbenzenes and xylenes (BTEX). For total volatiles in the C5-C12 range, the total area of the chromatogram is integrated and expressed as ug/kg or ug/l. Although this analysis is commonly used for the quantification of gasoline range organics (GRO), the system will also detect other compounds such as chlorinated solvents, and this may lead to a falsely high result with respect to hydrocarbons only. It is not possible to specifically identify these non-hydrocarbons, as standards are not routinely run for any other compounds, and for more definitive identification, volatiles by GCMS should be utilised.
- 16. We are accredited to MCERTS for sand, clay and loam/topsoil, or any of these materials whether these are derived from naturally occurring soil profiles, or from fill/made ground, as long as these materials constitute the major part of the sample. Other coarse granular material such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.
- 17 Data retention. All records, communications and reports pertaining to the analysis are archived for seven years from the date of issue of the final report.

18. Tentatively Identified Compounds (TICs) are non-target peaks in VOC and SVOC analysis. All non-target peaks detected with a concentration above the LoD are subjected to a mass spectral library search. Non-target peaks with a library search confidence of >75% are reported based on the best mass spectral library match. When a non-target peak with a library search confidence of <75% is detected it is reported as "mixed hydrocarbons". Non-target compounds identified from the scan data are semi-quantified relative to one of the deuterated internal standards, under the same chromatographic conditions as the target compounds. This result is reported as a semi-quantitative value and reported as Tentatively Identified Compounds (TICs). TICs are outside the scope of UKAS accreditation and are not moisture corrected.

#### 19. Sample Deviations

If a sample is classed as deviated then the associated results may be compromised

1	Container with Headspace provided for volatiles analysis
2	Incorrect container received
3	Deviation from method
4	Matrix interference
•	Sample holding time exceeded in laboratory
@	Sample holding time exceeded due to late arrival of instructions or samples
§	Sampled on date not provided

### 20. Asbestos

When requested, the individual sub sample scheduled will be analysed in house for the presence of asbestos fibres and asbestos containing material by our documented in house method TM048 based on HSG 248 (2021), which is accredited to ISO17025. If a specific asbestos fibre type is not found this will be reported as "Not detected". If no asbestos fibre types are found all will be reported as "Not detected" and the sub sample analysed deemed to be clear of asbestos. If an asbestos fibre type is found it will be reported as detected (for each fibre type found). Testing can be carried out on asbestos positive samples, but, due to Health and Safety considerations, may be replaced by alternative tests or reported as No Determination Possible (NDP). The quantity of asbestos present is not determined unless specifically requested.

#### Identification of Asbestos in Bulk Materials & Soils

The results for identification of asbestos in bulk materials and soils are obtained from supplied bulk materials andd soils which have been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central stop dispersion staining, based on HSG 248 (2021).

The results for identification of asbestos in soils are obtained from a homogenised sub sample which has been examined to determine the presence of asbestos fibres using ALS (Hawarden) in-house method of transmitted/polarised light microscopy and central

Asbe stos Type	Common Name
Chrysofile	White Asbests
Amosite	Brown Asbestos
Cro di dolite	Blue Asbe stos
Fibrous Act nolite	-
Fib to us Anthop hyll ite	-
Fibrous Tremolite	-

### Visual Estimation Of Fibre Content

Estimation of fibre content is not permitted as part of our UKAS accredited test other than: - Trace - Where only one or two asbestos fibres were identified.

### Respirable Fibres

Respirable fibres are defined as fibres of <3  $\mu$ m diameter, longer than 5  $\mu$ m and with aspect ratios of at least 3:1 that can be inhaled into the lower regions of the lung and are generally acknowledged to be most important predictor of hazard and risk for cancers of the lung.

Further guidance on typical asbestos fibre content of manufactured products can be found in HSG 264.

The identification of asbestos containing materials and soils falls within our schedule of tests for which we hold UKAS accreditation, however opinions, interpretations and all other information contained in the report are outside the scope of UKAS accreditation.



# **Appendix E: Summary tables**

Table E-1: Summary of installations Tetra Tech GI

Location ID	Maximum depth of borehole (mbgl)	Response zone (mbgl)	Response zone strata
BH01	25.00	5.00 - 15.00	Mercia Mudstone Group
BH02	25.00	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group
BH03	4.00	No details provided	d in Factual Report
BH03A	25.00	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium
BH05	25.00	1.00 – 5.00	Made Ground/ Granular Alluvium
ВН06	25.00	1.00 – 6.00	Cohesive Alluvium/ Granular Alluvium
BH07	25.00	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium
ВН09	25.00	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium
BH10	25.00	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group
BH11	25.00	1.00 – 6.00	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group
BH12	25.00	1.00 - 6.00	Granular Alluvium
BH14	25.00	1.00 – 4.00	Cohesive Alluvium/ Granular Alluvium
BH15	29.50	1.00 – 4.00	Granular Alluvium/ Mercia Mudstone Group
BH16	25.00	2.00 - 6.00	Granular Alluvium/ Mercia Mudstone Group
BH17	25.00	2.00 – 18.70	Granular Alluvium/ Mercia Mudstone Group
BH18	25.00	2.00 – 7.00	Mercia Mudstone Group
BH19	12.00	1.00 – 5.00	Granular Alluvium/ Mercia Mudstone Group
BH21	10.50	No details provided	in Factual Report
BH22	10.50	No details provided	I in Factual Report
BH56	9.00	0.50 - 4.00	Granular Alluvium
BH60	8.00	2.00 - 6.00	Granular Alluvium
BH61	8.00	2.00 - 6.00	Granular Alluvium
BH66	3.00	1.00 – 3.00	Granular Alluvium
WS08	6.00	1.00 – 5.00	Granular Alluvium



Location ID	Maximum depth of borehole (mbgl)	Response zone (mbgl)	Response zone strata
WS12	3.00	1.00 – 3.00	Granular Alluvium
WS15	3.00	1.00 – 3.00	Cohesive Alluvium and Granular Alluvium
WS25	4.00	0.50 - 3.50	Cohesive Alluvium and Granular Alluvium
WS26	4.00	1.00 – 3.50	Granular Alluvium
WS31	5.00	1.00 – 4.00	Granular Alluvium
WS48	5.00	1.00 – 2.00	Made Ground
WS50A	5.00	2.00 – 4.00	Made Ground/ Granular Alluvium
WS54	5.00	3.00 – 5.00	Cohesive Alluvium and Granular Alluvium
WS66	3.90	1.00 – 3.00	Granular Alluvium
WS67	3.40	2.00 – 2.50	Granular Alluvium

Table E-2: Summary of soil testing undertaken and leachate testing from Tetra Tech GI

Location ID	Depth (m bgl)	Stata of soil sample	Leachate analysis undertaken
BH02	0.6	Cohesive Alluvium	No
BH03	0.5	Cohesive Alluvium	No
BH03A	0.1	Topsoil	No
BH03A	0.6	Granular Alluvium	Yes
BH05	0.3	Made Ground	Yes
BH05	3	Granular Alluvium	Yes
BH06	0.4	Made Ground	Yes
BH06	1.3	Cohesive Alluvium	Yes
BH08	0.6	Made Ground	Yes
BH08	8.6	Made Ground	Yes
BH08	10.5	Made Ground	Yes
BH10	0.1	Topsoil	No
BH11	0.1	Made Ground	Yes
BH11	3.5	Cohesive Alluvium	No
BH12	0.3	Topsoil	Yes
BH13	1.5	Made Ground	Yes
BH13	14.4	Granular Alluvium	Yes
BH14	0.4	Cohesive Alluvium	No
BH15	0.7	Granular Alluvium	No
BH16	0.1	Topsoil	Yes
BH16	0.7	Granular Alluvium	No



Location ID	Depth (m bgl)	Stata of soil sample	Leachate analysis undertaken
BH17	0.4	Granular Alluvium	Yes
BH18	0.1	Made Ground	No
BH18	0.5	Made Ground	Yes
BH18	1.5	Mercia Mudstone Group	No
BH19	0.2	Made Ground	Yes
BH24	1	Made Ground	Yes
BH25	0.4	Made Ground	No
BH25	1	Made Ground	Yes
BH25	6	Granular Alluvium	No
BH25	6.2	Granular Alluvium	Yes
BH26	0.9	Made Ground	Yes
BH26	3.6	Cohesive Alluvium	No
BH26	4.6	Granular Alluvium	Yes
BH27	5.4	Cohesive Alluvium	No
BH28	1	Made Ground	Yes
BH28	6.4	Cohesive Alluvium	No
BH29	8.5	Granular Alluvium	No
BH30	0.4	Made Ground	Yes
BH30	1	Made Ground	Yes
BH30	10.8	Made Ground	Yes
BH30	11.7	Granular Alluvium	Yes
BH31	11.8	Granular Alluvium	No
BH32	0.4	Made Ground	Yes
BH32	1	Made Ground	Yes
BH33	1	Made Ground	Yes
BH33	2.2	Made Ground	Yes
BH33	6.9	Cohesive Alluvium	Yes
BH34	0.4	Made Ground	Yes
BH34	0.9	Made Ground	Yes
BH34	5.2	Cohesive Alluvium	Yes
BH35	1	Made Ground	Yes
BH35	1.7	Made Ground	No
BH35	4.4	Cohesive Alluvium	No
BH36	1	Made Ground	Yes
BH37	0.4	Made Ground	Yes
BH37	4.2	Granular Alluvium	No
BH38	0.4	Made Ground	Yes
BH38	5.7	Cohesive Alluvium	Yes
BH42	1	Made Ground	Yes
BH42	9.8	Made Ground	Yes
BH42	10.5	Made Ground	Yes
BH43	1.3	Made Ground	Yes



Location ID	Depth (m bgl)	Stata of soil sample	Leachate analysis undertaken
BH43	6.9	Granular Alluvium	Yes
BH43	10.5	Cohesive Alluvium	Yes
BH44	0.4	Made Ground	Yes
BH44	1.4	Made Ground	Yes
BH44	5.4	Granular Alluvium	Yes
BH45	0.55	Made Ground	Yes
BH45	7.5	Cohesive Alluvium	No
BH45A	1.7	Made Ground	Yes
BH45A	6.4	Cohesive Alluvium	No
BH47	0.1	Made Ground	No
BH48	0.7	Made Ground	Yes
BH49	0.1	Topsoil	No
BH49	0.5	Granular Alluvium	No
BH51	0.1	Granular Alluvium	No
BH52	0.1	Granular Alluvium	No
BH53	0.1	Topsoil	No
BH53	0.5	Granular Alluvium	No
BH54	0.4	Granular Alluvium	Yes
BH55	0.1	Made Ground	No
BH58	0.3	Made Ground	Yes
BH60	0.3	Granular Alluvium	No
BH61	1.3	Granular Alluvium	Yes
BH62	0.3	Topsoil	Yes
BH63	0.4	Granular Alluvium	No
BH65	0.1	Topsoil	No
BH65	0.4	Granular Alluvium	Yes
BH66	0.1	Topsoil	Yes
BH66	1	Granular Alluvium	Yes
TP01	0.2	Topsoil	No
TP02	0.2	Topsoil	No
TP02	1	Cohesive Alluvium	Yes
TP04	1	Granular Alluvium	Yes
TP05	1.6	Cohesive Alluvium	No
TP08	0.5	Granular Alluvium	Yes
TP08	1.2	Cohesive Alluvium	No
TP10	0.2	Topsoil	No
TP10	1	Cohesive Alluvium	Yes
TP13	0.2	Made Ground	Yes
TP13	0.8	Made Ground	Yes
TP27	0.7	Made Ground	Yes
TP32	0.7	Granular Alluvium	Yes
TP35	0.7	Granular Alluvium	Yes



Location ID	Location ID Depth (m bgl) Stata of soil sample		Leachate analysis undertaken
TP38	0.1	Topsoil	No
TP39	0.1	Topsoil	No
TP39	0.4	Made Ground	Yes
TP42	0.7	Granular Alluvium	No
TP43	0.6	Made Ground	Yes
TP44	0.1	Topsoil	Yes
TP45	0.1	Topsoil	Yes
TP46	0.1	Topsoil	No
TP49	0.1	Topsoil	No
TP50	0.8	Granular Alluvium	No
WS04	0.1	Topsoil	No
WS04	0.9	Cohesive Alluvium	No
WS08	0.1	Topsoil	No
WS08	0.7	Granular Alluvium	No
WS10	0.1	Topsoil	No
WS12	0.1	Topsoil	No
WS13	0.9	Granular Alluvium	No
WS15	0.1	Topsoil	No
WS17	0.6	Granular Alluvium	No
WS23	0.1	Topsoil	No
WS23	0.9	Granular Alluvium	No
WS26	0.1	Topsoil	No
WS28	0.1	Topsoil	No
WS28	0.7	Granular Alluvium	Yes
WS29	0.1	Topsoil	No
WS46	2.3	Made Ground	Yes
WS46	3	Granular Alluvium	No
WS48	0.6	Made Ground	No
WS48	1.5	Made Ground	Yes
WS48	2.5	Granular Alluvium	No
WS50A	1.5	Made Ground	Yes
WS50A	2.5	Granular Alluvium	No
WS54	0.6	Made Ground	No
WS54	3	Cohesive Alluvium	No
WS57	0.1	Topsoil	No
WS57	1	Granular Alluvium	No
WS64	0.1	Topsoil	No
WS64	0.7	Granular Alluvium	Yes
WS64	1.8	Granular Alluvium	No
WS65	0.6	Granular Alluvium	Yes
WS66	0.1	Topsoil	Yes
WS66	0.9	Granular Alluvium	No



Location ID	Depth (m bgl)	Stata of soil sample	Leachate analysis undertaken
WS67	0.7	Topsoil	Yes
WS68	0.1	Topsoil	No
WS69	0.1	Topsoil	No
WS70	0.8	Granular Alluvium	Yes
WS71	0.7	Granular Alluvium	Yes
WS72	0.1	Topsoil	Yes
WS72	0.8	Granular Alluvium	No
WS73	0.1	Topsoil	No



Table E-3: Summary of groundwater monitoring Tetra Tech GI

Depth to water (m bgl)							
Location ID	Round 1 (11- 13/08/21)	Round 2 (2- 3/09/21)	Round 3 (28 – 29/09/21)	Round 4 (18- 19/11/21)	Round 5 (29- 30/11/21)	Round 6 (14- 15/12/21)	
BH01	1.73	1.73	1.73	1.33	1.10	1.12	
BH02	1.10	1.08	1.00	1.00	1.10	-	
BH03A	1.06	1.02	1.02	1.02	1.16	1.54	
BH05	2.11	2.13	2.07	2.31	2.24	2.12	
BH07	-	1.49	1.30	1.33	1.13	1.28	
BH09	1.35	1.35	1.35	1.46	1.29	1.13	
BH10	1.78	1.78	1.75	1.89	1.75	1.60	
BH11	3.71	3.67	3.67	3.50	3.42	3.31	
BH12	2.85	2.91	2.77	2.51	2.33	2.71	
BH14	2.98	3.02	2.94	2.54	2.22	2.10	
BH15	1.86	1.79	1.71	2.00	2.13	1.10	
BH16	2.77	2.69	2.69	3.53	3.01	3.41	
BH17	2.54	2.51	2.39	2.31	2.55	2.19	
BH18	-	2.82	2.77	2.03	2.03	2.46	
BH19	0.33	0.42	0.33	0.64	0.44	0.63	
BH21	2.51	2.51	2.33	3.66	3.29	3.80	
BH22	3.52	3.49	3.40	3.74	3.51	4.13	
BH56	1.62	1.59	1.66	1.23	1.12	1.40	
BH66	DRY	DRY	DRY	Destroyed	Destroyed	Destroyed	
WS08	1.14	1.09	1.01	1.10	1.19	1.24	
WS12	1.20	1.17	1.10	0.69	0.55	0.89	
WS15	1.26	1.23	1.20	1.40	1.26	1.30	
WS25	2.24	2.21	2.00	2.56	2.44	1.96	
WS26	1.86	1.79	1.70	1.99	1.73	1.43	
	•	•	•	•			



Location ID	Round 1 (11- 13/08/21)	Round 2 (2- 3/09/21)	Round 3 (28 – 29/09/21)	Round 4 (18- 19/11/21)	Round 5 (29- 30/11/21)	Round 6 (14- 15/12/21)
WS31	3.68	3.61	3.58	DRY	DRY	1.96
WS48	2.06	2.08	2.13	2.13	1.88	DRY
WS50	3.68	3.61	3.58	DRY	DRY	1.96
WS54	1.64	1.73	1.61	1.03	0.88	0.80
WS66	2.78	2.74	2.39	Not Located	Not Located	2.74
WS67	DRY	DRY	DRY	DRY	DRY	DRY



Table E-4: Summary of soil testing undertaken and leachate extract from soil testing from the SGL GI.

Location ID	Depth (mbgl)	Strata of soil sample	Soil leachate analysis undertaken	WAC testing undertaken
S3BH01	0.5		Yes	No
S3BH01	1.4	Granular Alluvium	Yes	
S3BH02	0.5		Yes	
S3BH02R	0.5		Yes	
S3BH05	0.5		No	
S3BH05	1	Mada Ossurd	No	
S3BH05	1.5	Made Ground	Yes	
S3BH05	1.65		Yes	
S3BH05	2.5		Yes	
S3BH05	2.9		No	
S3BH05	3.2	Granular Alluvium	Yes	
S3BH05	4.9		No	
S3BH05R	0.5		No	
S3BH05R	1		No	
S3BH05R	1.5	Made Ground	Yes	Yes
S3BH05R	1.65		Yes	No
S3BH05R	2.5		Yes	
S3BH05R	3.2	Granular Alluvium	Yes	
S3BH06	0.2		No	
S3BH06	1.2	Made Ground	Yes	No
S3BH06R	0.2	Made Ground	No	No
S3BH06R	1.2		Yes	
S3BH06R	3	Granular Alluvium	No	
S3BH07R	0.8	Topsoil	No	
S3BH07R	1.2		No	Yes
S3BH07R	2	Granular Alluvium	Yes	No
S3BH07R	3.3		No	
S3BH08B	0.2	Made Ground	No	
00011000		Cohesive	Yes	
S3BH08B	1.4	Alluvium Cohesive	Yes	
S3BH09R	1	Alluvium	163	
S3BH11	0.5	Made Ground	Yes	
S3BH11	2.5	Granular Alluvium	Yes	
S3BH14R	0.2	Made Ground	Yes	
S3BH14R	0.5	Cronsiler Alburia	No	
S3BH14R	1	Granular Alluvium	Yes	
S3BH15	0.5	Mode Ones	Yes	
S3BH15	6.9	Made Ground	Yes	
S3TP06	0.2		Yes	



Location ID	Depth (mbgl)	Strata of soil sample	Soil leachate analysis undertaken	WAC testing undertaken
S3TP07	1	Cohesive	Yes	
S3TP08	0.5	Alluvium	No	
S3TP10	0.2	Topsoil	No	
S3TP18	0.5		Yes	
S3TP19	1	Granular Alluvium	Yes	
S3TP21	0.5	Granulai Alluviuili	Yes	
S3TP22	0.5		Yes	
S3TP23	0.5	Granular Alluvium	Yes	
S3TP24	0.2	Topsoil	Yes	
S3TP24	2	Granular Alluvium	Yes	
S3TP25	1	Cohesive Alluvium	No	
S3TP26	0.2	Topsoil	No	
S3TP27	1	Cohesive Alluvium	No	
S3TP29	0.5	Granular Alluvium	Yes	
S3TP34	0.2	Topsoil	Yes	
S3WS01	0.5	Cohesive Alluvium	Yes	
S3WS04	0.5	Granular Alluvium	Yes	
S3WS07	0.5	Made Ground	Yes	
S3WS07R	0.5	Made Ground	Yes	
S3BH16	0.5	Granular Alluvium	Yes	
S3BH17	1.0	Made Ground	Yes	
S3TP36	0.5		No	
S3TP38	1.0		No	
S3TP41	0.5	Granular Alluvium	Yes	
S3TP42	0.5	Granulai Alluviuili	No	
S3TP43	0.8		No	
S3TP39	0.5		No	

Table E-5: Groundwater observations during the SGL GI

Location	Strike		Level after 2	0 minutes	Strata
ID	(m bgl)	(m AOD)	(m bgl)	m (AOD)	
S3BH08	2.70	7.29	2.00	7.99	
S3BH09	3.10	9.52	2.30	10.32	
S3BH10	1.90	7.17	1.30	7.77	anular Alluvium
S3BH13	2.30	8.74	1.90	9.14	anulai Aliuvium
S3BH14	4.30	7.24	3.70	7.84	
S3BH14	1.30	10.24	1.25	10.29	
S3CPWS07	0.90	8.36	0.70	8.56	Made Ground



Location			Level afte	r 20 minutes	Strata
ID	(m bgl)	(m AOD)	(m bgl)	m (AOD)	
S3TP06	1.60	8.83	1.50	8.93	Cohesive Alluvium
S3TP07	2.10	9.21	2.05	9.26	
S3TP08	1.70	9.41	1.60	9.51	Granular Alluvium
S3TP10	2.00	9.37	1.95	9.42	
S3TP12	2.40	8.80	2.35	8.93	Cohesive Alluvium
S3TP23	3.10	11.12	3.05	11.17	Weathered Mercia
					Mudstone
S3TP26	2.90	5.73	2.80	5.83	Granular Alluvium
S3TP27	2.80	8.56	2.73	8.63	Granulai Alluviuili
S3TP28	1.40	9.80	1.30	9.90	Cohesive Alluvium
S3TP29	1.40	9.01	1.30	9.11	Granular Alluvium
S3TP30	1.70	9.11	1.65	9.16	Cohesive Alluvium
S3TP31	1.30	9.17	1.20	9.27	
S3TP32	1.20	9.72	1.15	9.77	Cronstler Allending
S3TP33	1.50	9.20	1.40	9.30	Granular Alluvium
S3TP34	1.10	9.71	1.05	9.76	
S3WS01	2.00	9.25	2.00	9.25	Cohesive/ Granular Alluvium
S3WS06	3.00	10.20	2.80	10.40	Granular Alluvium

Table E-6: Summary of groundwater monitoring from SGL GI

Location ID	Date	Depth to water (m bgl)	Depth to water (m AOD)
S3WS01	25 January 2023	1.15	10.10
	27 February 2023	1.72	9.53
	4 April 2023	1.60	9.65
S3WS04	25 January 2023	2.50	9.30
	28 February 2023	DRY	-
	3 April 2023	2.62	9.18
S3WS05	25 January 2023	1.66	11.10
	27 February 2023	1.91	10.85
	3 April 2023	1.77	10.99
S3WS06	25 January 2023	1.15	11.61
	28 February 2023	1.51	11.19
	3 April 2023	1.23	11.97
S3WS07	25 January 2023	1.56	7.76
	28 February 2023	2.26	7.07
	3 April 2023	1.71	7.62
S3BH05	26 January 2023	2.54	7.38
	27 February 2023	DRY	-
	27 March 2023	DRY	-
S3BH06	26 January 2023	DRY	-
	27 February 2023	DRY	-



Location ID	Date	Depth to water (m bgl)	Depth to water (m AOD)
	27 March 2023	DRY	-
S3BH07	26 January 2023	2.38	7.47
	27 February 2023	2.98	6.87
	27 March 2023	2.87	6.98
BH07	26 January 2023	1.40	4.77
	27 February 2023	1.44	4.73
BH15	26 January 2023	1.06	8.70
	2 March 2023	1.65	8.11
	3 April 2023	1.28	8.48
BH17	26 January 2023	1.36	8.65
	2 March 2023	2.27	7.74
	3 April 2023	1.55	8.46
BH09	26 January 2023	1.09	7.85
	28 February 2023	1.31	7.63
	3 April 2023	0.97	7.97
WS31	26 January 2023	0.93	8.98
	2 March 2023	1.31	8.60
	3 April 2023	0.97	8.94
BH03A	26 January 2023	0.55	6.55
	2 March 2023	0.73	6.37
	4 April 2023	0.51	6.59
WS08	4 April 2023	0.15	10.44
BH56	4 April 2023	0.66	9.43

Table E-7: Summary of leachate extract from soil exceedances Tetra Tech

Determinant name	EQS (mg/l)	Stratum	Location ID	Sample depth (m	Result (mg/l)
			BH13	1.5	0.173
Arsenic		Made Ground	BH43	1.3	0.0783
Alseliic		iviade Ground	WS46	2.3	0.0669
	0.05		BH42	1	0.0822
			BH33	6.9	0.00010 5
		Cohesive Alluvium	BH34	5.2	0.00014
		Granular Alluvium	BH43	6.9	0.00097 7
Codesium			BH44	5.4	0.00029 6
Cadmium			WS28	0.7	0.00015 2
			DHO	8.6	0.00073 8
		Made Ground	BH08	10.5	0.00031 4
	0.00008		BH42	9.8	0.00020 7



Determinant name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result (mg/l)
					0.00074
				10.5	5
			DILAGA	4.7	0.00033
			BH45A	1.7	6 0.00018
			WS54	1.5	4
			11001		0.00011
			BH11	0.1	7
					0.00011
		Onemales	BH54	0.4	7
		Granular Alluvium	TP04	1	0.00009 35
		Alluvium	1704	<u> </u>	0.00019
		Made Ground	TP27	0.7	3
		Granular	BH13	14.4	0.0832
		Alluvium	WS65	0.6	0.00945
			BH42	9.8	0.00866
Chromium			BH43	1.3	0.0113
		Made Ground	TP43	0.6	0.0106
			TP45	0.1	0.0164
	0.005	Topsoil	BH11	0.1	0.00954
		Granular	BH17	0.4	0.00208
		Alluvium	BH26	4.6	0.00115
			BH33	6.9	0.00343
		Cohesive	BH34	5.2	0.0134
		Alluvium	BH38	5.7	0.00157
		Granular	TP08	0.5	0.00362
		Alluvium	TP35	0.7	0.00251
		Granular Alluvium	WS64	0.7	0.00347
			WS65	0.6	0.00524
		Granular	WS70	0.8	0.00345
		Alluvium	WS71	0.7	0.00817
			BH05	0.3	0.00469
			TP39	0.4	0.0106
Copper		Made Ground	TP43	0.6	0.00601
			WS46	2.3	0.0728
			WS48	1.5	0.00313
			BH16	0.1	0.00658
			TP44	0.1	0.00125
		Topsoil	TP45	0.1	0.00631
		i ohaoii	WS66	0.1	0.00411
			WS67	0.7	0.00344
			WS72	0.1	0.00806
		Made Ground	BH11	0.1	0.00786
		Topsoil	BH12	0.3	0.00617
			BH24	1	0.00603
		Made Ground	BH25	1	0.00104
	0.001		BH28	1	0.00137



Determinant name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result (mg/l)
			BH45	0.55	0.00197
		Granular Alluvium	BH54	0.4	0.00625
		Topsoil	BH62	0.3	0.00023
		Granular	DI 102	0.3	0.00290
		Alluvium	BH65	0.4	0.00149
		Cohesive Alluvium	TP10	1	0.00277
			TP13	0.2	0.00169
		Made Ground	1113	0.8	0.00167
			TP27	0.7	0.0119
		Granular	BH17	0.4	1.6
		Alluvium	BH26	4.6	1.28
		Cohesive	BH33	6.9	1.29
Iron		Alluvium	BH34	5.2	4.44
			BH08	8.6	1.42
		Made Ground	BH11	0.1	4.26
	1		TP27	0.7	1.22
	'	Granular	111 27	0.7	1.22
		Alluvium	BH26	4.6	0.0027
		Cohesive	BH33	6.9	0.00677
		Alluvium	BH34	5.2	0.0338
		Granular Alluvium	TP08	0.5	0.0028
			WS65	0.6	0.00222
			WS71	0.7	0.00176
			TP39	0.4	0.00276
		Made Ground	WS46	2.3	0.0486
Lead		Topsoil	TP44	0.1	0.00174
		Topsoil	TP45	0.1	0.0019
			WS67	0.7	0.00182
		Topsoil	WS72	0.1	0.00214
		Made Ground	BH11	0.1	0.0146
		Topsoil	BH12	0.3	0.00203
		Granular	B1112	0.0	0.00200
		Alluvium	BH54	0.4	0.00169
	0.0012		TP27	0.7	0.00427
Mercury		Made Ground			0.00086
iviercury	0.00007		WS46	2.3	9
		Cohesive	BH33	6.9	0.0128
		Alluvium	BH34	5.2	0.0145
Nickel			BH38	5.7	0.00502
1410101			WS46	2.3	0.015
			BH11	0.1	0.00621
	0.004		TP27	0.7	0.00462
		Made Ground	BH13	1.5	0.17
Vanadium			DU40	9.8	0.202
vanauluili			BH42	10.5	0.182
	0.02		BH43	1.3	0.195



Determinant name	EQS (mg/l)	Stratum	Location ID	Sample depth (m	Result (mg/l)
			BH44	1.4	0.155
			BH45A	1.7	0.16
			BH11	0.1	0.0213
			BH42	1	0.0424
			BH03A	0.6	0.0109
		Granular	BH05	3	0.0528
		Alluvium	BH26	4.6	0.0537
		Cohesive	BH28	6.4	0.0386
		Alluvium	BH33	6.9	0.125
			BH43	6.9	0.226
		0	TP08	0.5	0.0157
		Granular Alluvium	TP35	0.7	0.0135
		Alluvium	WS28	0.7	0.0566
			WS65	0.6	0.0121
		Made Ground	BH08	8.6	0.0162
			BH30	10.8	0.0996
			WS46	2.3	0.0193
Zinc		Topsoil	TP44	0.1	0.0866
			TP45	0.1	0.101
			WS72	0.1	0.138
		Cohesive Alluvium	BH06	1.3	0.0529
			BH11	0.1	0.108
		Mada Osassad	BH32	0.4	0.0374
		Made Ground	BH44	0.4	0.0254
			BH48	0.7	0.0674
		Granular	BH54	0.4	0.0882
		Alluvium	BH61	1.3	0.0125
		Cohesive Alluvium	TP02	1	0.0341
			TP13	0.8	0.161
	0.0109		TP27	0.7	0.0136
Chromium – Hexavalent	0.0034	Made Ground	WS46	2.3	0.0463
Sulphate as SO4	400	1	WS46	2.3	1040

Table E-8: Summary of leachate extract from soil exceedances SGL

Determinant Name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result
Arsenic	0.05	S3BF	S3BH05	1.65	0.069
			S3BH15	6.9	0.15
Cadmium	nium 0.00008		S3BH05R	1.5	0.0000 9
				2.5	0.0001 1



Determinant Name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result
				3.2	0.0002 4
		Granular Alluvium	S3BH07R	2	0.0002
		Cohesive Alluvium	S3BH09R	1	0.0000 9
		Made Ground	S3WS07R	0.5	0.0001
Chromium	0.005	Granular Alluvium	S3BH01	0.5	0.0087
		Cohesive Alluvium	S3BH08B	1.4	0.007
Copper	0.001		S3BH01	0.5	0.0053
		Granular Alluvium		1.4	0.002
		7 tila viaiti	S3BH02	0.5	0.0027
			S3BH02R	0.5	0.03
			S3BH05	1.5	0.0018
		Made Ground		1.65	0.002
				3.2	0.027
			S3BH05R	1.5	0.015
				1.65	0.014
				2.5	0.013
				3.2	0.023
			S3BH06R	1.2	0.022
		Granular Alluvium	S3BH07R	2	0.02
		Made Ground	S3BH08B	0.2	0.034
		Cohesive		1.4	0.0082
		Alluvium	S3BH09R	1	0.045
			S3BH11	0.5	0.0041
		Made	000114.45	0.2	0.042
		Ground	S3BH14R	1	0.03
			S3BH15	0.5	0.016
		Cohesive	S3TP06	0.2	0.02
		Alluvium	S3TP07	1	0.0049
		Granular	S3TP19	1	0.0098
		Alluvium	S3TP21	0.5	0.0026



Determinant Name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result
			S3TP23	0.5	0.012
		Topsoil	S3TP24	0.2	0.014
				2	0.0032
		Cohesive Alluvium	S3TP29	0.5	0.024
			S3TP34	0.2	0.036
		Granular Alluvium	S3WS04	0.5	0.0076
		Made Ground	S3WS07R	0.5	0.014
		Granular Alluvium	S3BH16	0.5	0.0055
		Made Ground	S3BH17	1.0	0.0033
		Granular Alluvium	S3TP41	0.5	0.0044
Iron	1	Granular	C2DU04	0.5	1.9
		Alluvium	S3BH01	1.4	2.2
		Made Ground	S3BH02R	0.5	1.4
		Cohesive Alluvium	S3BH08B	1.4	2.4
			S3BH09R	1	1.2
		Made Ground	S3BH11	0.5	1.1
				0.2	1.2
		Granular Alluvium	S3BH14R	1	1.7
		Made Ground	S3BH15	0.5	2.4
			S3TP06	0.2	1.4
		Cohesive Alluvium	S3TP29	0.5	2.1
			S3TP34	0.2	1.8
		Made Ground	S3BH17	1	1.1
		Granular Alluvium	S3TP41	0.5	1.2
Lead	0.0012	Granular	S3BH01	0.5	0.0055
		Alluvium	3301101	1.4	0.0012
		Made Ground	S3BH02R	0.5	0.0021
			S3BH05R	2.5	0.0019
			S3BH08B	0.2	0.0023



Determinant Name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result
		Granular Alluvium		1.4	0.0038
		Cohesive Alluvium	S3BH09R	1	0.0024
		Made Ground	C2DLI44D	0.2	0.0047
		Granular Alluvium	_ S3BH14R	1	0.0039
		Made Ground	S3BH15	0.5	0.0013
		Cohesive	S3TP06	0.2	0.0066
		Alluvium	S3TP07	1	0.0025
		Granular Alluvium	S3TP19	1	0.0026
		Cohesive	S3TP29	0.5	0.0034
		Alluvium	S3TP34	0.2	0.0053
		Granular Alluvium	S3BH16	0.5	0.0021
		Made Ground	S3BH17	1.0	0.0023
		Granular Alluvium	S3TP41	0.5	0.0015
Mercury	0.00007	Made Ground	S3BH15	6.9	0.0001
Nickel	0.004	Granular Alluvium	S3BH01	0.5	0.0057
		Made Ground	S3BH05R	3.2	0.026
		Cohesive Alluvium	S3TP06	0.2	0.0045
Vanadium	0.02	Made Ground	S3BH15	6.9	0.12
Zinc	0.0109	Granular Alluvium	S3BH01	0.5	0.028
			S3BH02R	0.5	0.015
			S3BH05R	1.5	0.012
		Made		1.65	0.015
		Ground		2.5	0.012
				3.2	0.051
			S3BH06R	1.2	0.011



Determinant Name	EQS (mg/l)	Stratum	Location ID	Sample depth (m bgl)	Result
		Granular Alluvium	S3BH07R	2	0.016
		Made Ground	S3BH08B	0.2	0.018
		Granular Alluvium	33011000	1.4	0.026
		Cohesive Alluvium	S3BH09R	1	0.03
		Made Ground	S3BH14R	0.2	0.018
		Granular Alluvium	_ 33BH14K	1	0.029
		Made Ground	S3BH15	0.5	0.016
		Cohesive Alluvium	S3TP06	0.2	0.03
		Granular Alluvium	S3TP19	1	0.012
		Cohesive	S3TP29	0.5	0.025
		Alluvium	S3TP34	0.2	0.026
		Granular Alluvium	S3WS04	0.5	0.015
Ammoniacal	0.2		S3BH05	3.2	2.6
Nitrogen as N			S3BH05R	1.65	0.36
			SSBFIUSIK	3.2	0.84
Sulphate as SO4	400	Made Ground		1.5	412
			S3BH05R	1.65	754
				2.5	631
			S3BH15	6.9	1500

Table E-9: Summary of groundwater exceedances Tetra Tech

Determinand	EQS Locatio n ID		Stratum	Concentration (mg/l)		
			Aug 2021	Nov 2021	Feb 2022	
Cadmium	0.00008	BH02	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	-	0.0000 806	-



Determinand	EQS	Locatio	Stratum	Concenti	ration (mg	/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
		ВН03	Cohesive Alluvium and Granular Alluvium	-	-	0.00018 9
		BH05	Made Ground/ Granular Alluvium	-	0.0001 55	-
		ВН06	Cohesive Alluvium/Gra nular Alluvium	-	0.0001 33	0.00047 8
		BH07	Cohesive Alluvium/	0.00053 6	0.0001 37	0.00062 8
		BH09	- Granular Alluvium	0.00018	0.0001 48	0.00069 7
		BH10	Cohesive Alluvium/	0.00017 5	0.0001 18	0.00089 8
		BH11	- Granular Alluvium/ Mercia Mudstone Group	0.00015 2	0.0001 15	0.00014 6
		BH15	Granular Alluvium/	-	0.0001 52	-
		BH19	Mercia Mudstone Group	0.00017 3	0.0001	-
		BH21	-	-	0.0004 81	0.00143
		BH22	-	-	0.0000 913	-
		BH56		-	0.0001 35	0.00079 9
		BH60	Granular	-	0.0047 9	0.00855
		BH61	Alluvium	0.00103	0.0001 13	-
		WS08		-	0.0001 34	0.00080 9
		WS15	Cohesive Alluvium and	-	0.0001 57	0.00074 7
		WS25	- Granular Alluvium	-	0.0001 4	-



Determinand	EQS	Locatio	Stratum	Concentration (mg/l)			
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022	
		WS26	Granular Alluvium	-	0.0001 39	-	
		WS31		-	0.0001 71	0.00009 19	
		WS48	Made Ground	0.00158	-	-	
		WS50A	Granular Alluvium	0.00394	-	-	
		WS54	Cohesive Alluvium and Granular Alluvium	0.00407	0.0031 5	0.00012 4	
		WS66	Granular Alluvium	0.00398	-	-	
Copper	Copper 0.00231	BH03	-	-	-	0.0036	
		BH12	Granular Alluvium	0.0164	-	-	
		BH19	Granular Alluvium/ Mercia Mudstone Group	0.00438	-	-	
		BH22	-	-	0.0025 4	-	
		BH60		-	0.0137	0.00866	
		BH61	Granular Alluvium	0.00385	-	-	
		WS08		-	-	0.0238	
		WS54	Cohesive Alluvium and Granular Alluvium	-	-	0.00592	
		WS66	Granular Alluvium	0.00283	-	-	
Iron	1	ВН03А	Cohesive Alluvium/ Granular Alluvium	-	24.3		
		BH03	-	-	-	2.81	
		BH06	Cohesive Alluvium/Gra nular Alluvium	-	1.16	-	
		BH07	Cohesive Alluvium/	-	1.16	5.07	



Determinand	EQS	Locatio n ID	Stratum	Concen	tration (m	g/I)
	(mg/l)	חוט		Aug 2021	Nov 2021	Feb 2022
			Granular Alluvium			
		BH09	Cohesive Alluvium/ Granular Alluvium	-	1.12	4.88
		BH10	Cohesive	-	1.19	3.33
		BH11	- Alluvium/ Granular Alluvium/ Mercia Mudstone Group	-	2.2	-
		BH15	Granular Alluvium/ Mercia Mudstone Group	-	1.96	-
		BH56		14.4	-	3.25
		BH60	Granular	2.21	1.75	-
		BH61	Alluvium	3.27	1.4	11.2
		WS12		-	14.7	12.9
		WS15	Cohesive - Alluvium and Granular Alluvium	-	-	3.2
		WS25		16.2	1.03	-
		WS26	Granular	-	1.24	-
		WS31	Alluvium	-	1.31	-
		WS48	Made Ground	4.06	-	-
		WS50A	Granular Alluvium	6.55	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	6.67	4.86	-
Lead	Lead 0.0012	BH07	Cohesive Alluvium/ Granular Alluvium	-	-	0.00131
		BH10	Cohesive Alluvium/ Granular Alluvium/ Mercia	-	-	0.00127



Determinand	EQS	Locatio	Stratum	Concentr	ation (mg	/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
			Mudstone Group			
		BH60	Granular Alluvium	-	0.0066 2	0.00563
		BH61	]	0.00318	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	-	-	0.00207
Nickel	Nickel 0.00588	BH05	Made Ground/ Granular Alluvium	0.0103	-	-
		ВН06	Cohesive Alluvium/Gra nular Alluvium	-	-	0.00606
		BH07	Cohesive Alluvium/ Granular Alluvium	0.0152	-	-
		BH21	-	-	-	0.0104
		BH56	Granular Alluvium	0.00877	-	-
		BH60		-	0.237	0.231
		BH61		0.129	-	-
		WS15	Cohesive Alluvium and Granular Alluvium	0.0175	-	-
		WS48	Made Ground	0.0333	0.0104	-
		WS50A	Granular Alluvium	0.0403	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	0.0409	0.0313	-
		WS66	Granular	0.0423	-	-
Phenol	0.0077	BH12	Alluvium	0.16	-	-
Zinc	0.01723	BH03	-	-	-	0.0252
		BH11	Cohesive Alluvium/ Granular Alluvium/	-	-	0.159



Determinand	EQS	Locatio	Stratum	Concent	ration (mg	/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
			Mercia Mudstone Group			
		BH12	Granular Alluvium	0.0304	-	-
		BH21	-	-	0.768	-
		BH60		-	0.0967	0.0979
		BH61	Granular Alluvium	0.0645	-	-
		WS08		-	-	0.0211
		WS48	Made Ground	0.12	-	-
		WS50A	Granular Alluvium	0.206	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	0.213	0.157	0.0278
		WS66	Granular Alluvium	0.214	-	-
Ammoniacal Nitrogen as N	0.2	ВН03А	Cohesive Alluvium/ Granular Alluvium	-	0.642	-
		BH03	-	-	-	0.375
		BH05	Made Ground/ Granular Alluvium	0.998		-
		BH06	Cohesive Alluvium/Gra nular Alluvium	0.26	-	-
		BH11	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	0.558	-	-
		BH12	Granular Alluvium	0.827	-	-
		BH14	Cohesive Alluvium/	0.373	-	-



Determinand	EQS	Locatio	Stratum	Concent	ration (mo	g/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
			Granular Alluvium			
		BH18	Mercia Mudstone Group	-	-	0.265
		BH19	Granular Alluvium/ Mercia Mudstone Group	0.975	-	-
		BH56	Granular Alluvium	0.785	-	-
		WS15	Cohesive Alluvium and Granular Alluvium	0.59	-	-
		WS25	Cohesive Alluvium and Granular Alluvium	0.552	-	-
		WS48	Made Ground	0.249	-	-
		WS50A	Granular Alluvium	0.229	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	0.215	0.219	-
Cyanide	0.001	BH11	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	0.9	-	-
Sulphate as SO4	400	BH01	Mercia Mudstone Group	-	1560	495
		BH02	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	-	1570	-
		BH05	Made Ground/	2240	-	-



Determinand	EQS	Locatio	Stratum	Concentr	ation (mg	/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
			Granular Alluvium			
		BH06	Cohesive Alluvium/Gra nular Alluvium	2570	1310	1350
		BH07	Cohesive Alluvium/ Granular Alluvium	462	-	-
		BH10	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	805	-	-
		BH12	Granular Alluvium	1770	-	1550
		BH14	Cohesive Alluvium/ Granular Alluvium	1850	1580	1520
		BH15	Granular Alluvium/ Mercia Mudstone Group	914	-	-
		BH16	Granular Alluvium/ Mercia Mudstone Group	1160	880	764
		BH17	Granular Alluvium/ Mercia Mudstone Group	413	412	-
		BH18	Mercia Mudstone Group	1240	598	540
		BH60	Granular Alluvium	-	512	497
		WS25	Cohesive Alluvium and Granular Alluvium	637	-	-



Determinand	EQS	Locatio	Stratum	Concentration (mg/l)			
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022	
		WS48	Made Ground	418	-	-	
		WS54	Cohesive Alluvium and Granular Alluvium	-	-	1530	
		WS66	Granular Alluvium	502	-	-	
Chlorpyriphos	0.00003	WS15	Cohesive Alluvium and Granular Alluvium	0.00025	-	-	
		BH61	Granular Alluvium	-	-	0.00003 9	
Anthracene	0.0001	BH12		0.00019 7	-	-	
		WS48	Made Ground	0.00144	-	-	
Fluoranthene	0.00000	BH02	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	0.00000 799	-	-	
		BH05	Made Ground/ Granular Alluvium	0.00045 9	-	0.00018	
		BH06	Cohesive Alluvium/Gra nular Alluvium	0.00003 33	-	0.00001	
		BH09	Cohesive Alluvium/ Granular Alluvium	0.00005 34	-	-	
		BH10	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	0.00009 59	-	0.00001	
		BH11	Cohesive Alluvium/ Granular	0.00004 79	-	-	



Determinand	EQS	Locatio	Stratum	Concentr	ation (mg	/I)
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
			Alluvium/ Mercia Mudstone Group			
		BH12	Granular Alluvium	0.002	0.0000 097	-
		BH14	Cohesive Alluvium/ Granular Alluvium	0.00003 54	-	0.00001 8
		BH15	Granular Alluvium/ Mercia Mudstone Group	0.00005 65	-	0.00020 7
		BH16	Granular Alluvium/ Mercia Mudstone Group	0.00007 41	-	0.00002 37
		BH17	Granular Alluvium/ Mercia Mudstone Group	-	0.0000 111	0.00000 87
		BH19	Granular Alluvium/ Mercia Mudstone Group	-	0.0000 08	0.00004 73
		BH21	-	-	-	0.00001 58
		BH22	-	-	0.0000 391	0.00038 4
		BH56		0.00039 5	-	0.00001 08
		BH60	Granular	0.00035 2	-	-
		BH61	Alluvium	0.00019 7	-	0.00000 663
		WS08		-	-	0.00001 92
		WS15	Cohesive Alluvium and	0.00017 7	-	-



Determinand	EQS	Locatio	Stratum	Concentration (mg/l)			
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022	
		WS25	Granular Alluvium	0.00011	-	-	
		WS26	Granular Alluvium	0.00001 13	-	-	
		WS31		0.00001 49	-	-	
		WS48	Made Ground	0.0157	1	-	
		WS50A	Granular Alluvium	0.00004 79	00004 0.00003 00002 - 0.00003 00003 0.00011 00003 - 0.00001	-	
		WS54	Cohesive Alluvium and Granular Alluvium	0.00002 26	-	0.00003	
		WS66	Granular Alluvium	0.00003 92	-	-	
Benzo(a)pyrene	0.00000 017	BH05	Made Ground/ Granular Alluvium	0.00035 2	-	0.00011	
		BH06	Cohesive Alluvium/Gra nular Alluvium	0.00002 92	-	0.00000 659	
		BH09	Cohesive Alluvium/ Granular Alluvium	0.00003 68	-	-	
		BH10	Cohesive Alluvium/ Granular	0.00007 36	-	Feb 2022	
		BH11	Alluvium/ Mercia Mudstone Group	0.00003 61	0.00007 - 6 36 - 6 0.00003 - 6	-	
		BH12	Granular Alluvium	0.00151	-	-	
		BH14	Cohesive Alluvium/ Granular Alluvium	0.00002 41	-	-	
		BH15	Granular Alluvium/	0.00005 99	-		
		BH16	- Mercia	0.00004 67	-		



Determinand	EQS	Locatio	Stratum	Concentration (mg/l)		
	(mg/l)	n ID		Aug 2021	Nov 2021	Feb 2022
		BH17	Mudstone Group	-	0.0000 09	-
		BH19		-	-	0.00002 51
		BH22	-	-	0.0000 275	0.00026 2
		BH56	Granular Alluvium	0.00018 9	-	0.00000 457
		BH60		0.00022 4	-	
		BH61	Granular Alluvium	0.00013	-	
		WS08		-	-	0.00000 769
		WS15	Cohesive Alluvium and Granular Alluvium	0.00009 89	-	-
		WS25	Cohesive Alluvium and Granular Alluvium	0.00006 68	-	-
		WS31	Granular Alluvium	0.00000 794	-	-
		WS48	Made Ground	0.0122	-	-
		WS50A	Granular Alluvium	0.00003 33	-	-
		WS54	Cohesive Alluvium and Granular Alluvium	-	-	0.00000 866
		WS66	Granular Alluvium	0.00002 63	-	-

Table E-10: Summary of groundwater exceedances SGL

Determinand	EQS (mg/l)	Location ID	Strata	Concentration (mg/l)	
				Jan 2023	Feb 2023
Cadmium	0.00008	S3WS01	Cohesive /	0.0002	
			Granular Alluvium		0.00022
		S3WS06		0.003	0.00028
		S3WS07	Granular Alluvium	0.001	-
Copper	0.00231	S3WS06		0.011	0.017



Determinand	EQS (mg/l)	Location ID	Strata	Concentration (mg/l)	
				Jan 2023	Feb 2023
		S3WS05		0.0025	-
Nickel	0.00588	S3BH07		-	0.011
		S3WS06		0.0082	0.011
Chloride	250	S3BH07		-	1700
Ammoniacal	0.2	S3BH07		-	0.00
Nitrogen as N					0.63
Cyanide	0.001	S3BH07		-	0.013
		S3WS06		-	0.0017
Manganese	0.22	S3BH07		-	2.2
		S3WS01	Cohesive / Granular Alluvium	-	6
Sulphate as	400	S3WS07	Oranaiai Aliaviani	740	
SO4			Granular Alluvium		1100
Trichloroethene	0.01	S3WS07		-	0.0196

Table E-11: Summary of surface water exceedances TetraTech

Determinand	EQS (mg/l)	Location ID	Concentration (mg/l)			
			Aug 2021	Nov 2021	Mar 2022	
Cadmium	0.00008	SW1	-	0.000124	-	
		SW2	-	-	0.000204	
		SW3	No sample	0.000241	0.000128	
		SW4	No sample	0.000218	0.000169	
		SW5	0.000091	0.000388	0.00448	
		SW6	0.000095 2	0.00037	0.000122	
Copper	0.00231	SW1	0.00419	0.00523	0.00373	
		SW2 0.00429 0.0036	0.00366	0.00586		
		SW3	No sample	0.0067	0.00448 0.000122 0.00373 0.00586 0.00447 0.00482 0.00448	
		SW4	No sample	0.00679	0.00482	
		SW5	0.00486	0.0101	0.00448	
		SW6	0.00466	0.00873	0.00445	
Iron	1	SW5	-	1.14	-	
		SW6	-	1.02	-	
Lead	0.0012	SW1	-	0.00213	-	



Determinand	EQS (mg/l)	Location	Concentration (mg/l)			
		ID	Aug 2021	Nov 2021	Mar 2022	
		SW2 -		-	0.0098	
		SW3	No sample	0.00524	0.00385	
		SW4	No sample	0.005	0.00446	
		SW5	-	0.0127	0.00329	
		SW6	-	0.0112	0.00324	
Nickel	0.00588	SW2	0.00602	-	-	
		SW3	No sample	0.00601	-	
		SW4	No sample	0.0063	-	
		SW5	-	0.00749	-	
		SW6	-	0.00709	-	
Zinc	0.01723	SW1	-	0.0239	-	
		SW2	-	-	0.0292	
		SW4	No sample	0.0334	0.0214	
		SW5	-	0.0547	0.0193	
		SW6	-	0.0544	0.0195	
Ammoniacal Nitrogen as	0.2	SW1	-	0.473	-	
N		SW2	-	0.443	-	
		SW3	No sample	0.404	-	
		SW4	No sample	0.405	-	
		SW5	-	0.410	-	
		SW6	-	0.446	-	
Fluoranthene	0.0000063	SW1	0.000030 7	0.000027 1	0.000019 5	
		SW2	0.000018 3	0.000030 3	0.000133	
		SW3	No sample	0.000024 9	0.000018 1	



Determinand	EQS (mg/l)	Location	Concentra	tion (mg/l)	
		ID	Aug 2021	Nov 2021	Mar 2022
		SW4	No sample	0.000028 7	0.000018 9
		SW5	0.000020 7	0.000037 3	0.000016 8
		SW6	0.000077 8	0.000107	0.000015 6
Benzo(a) pyrene	ne 0.0000001 7	SW1	-	0.000107	0.000011
		SW2	-	0.000018 1	0.000079 5
		SW3	No sample	0.000015 9	0.000010 9
		SW4	No sample	0.000016 3	0.000011
		SW5	0.000013 5	0.000021 7	0.000010 3
		SW6	0.000045 6	0.000060 1	0.000011 8

Table E-12: Summary of ground gas monitoring results

Exceeds long term WEL (0.5% vol)	
Exceeds short term WEL (0.5% vol)	

Location ID	Response zone (mbgl)	Strata	Groundwa ter level (mbgl)	Flow rate (I/hr)	Methane (%vol)	Carbon dioxide (%vol)	Oxygen (%vol)	Hydrogen sulphide (ppm)	Carbon monoxide (ppm)	PID reading (ppm)
WS67	2.00 – 2.60	Granular Alluvium	Dry	0.0	0.0	0.3 – 2.5	15.3 – 19.8	0.0	1.0 – 2.0	0.3 – 0.6
BH21	-	-	2.33 – 3.80	0.1 – 0.1	0.0 – 0.4	0.2 – 1.9	18.9 – 19.5	0.0	0.0	0.2
BH22	-	-	3.40 – 4.13	0.0	0.0 - 0.4	0.1 – 0.9	17.9 – 21.3	0.0	0.0 – 1.0	0.2 – 1.0
WS66	1.00 – 3.00	Granular Alluvium	2.39 – 2.78	0.0	0.0 – 0.4	0.4 – 0.9	19.3 – 20.8	0.0	0.0	0.0 – 1.1
BH19	1.00 – 5.00	Granular Alluvium/M ercia Mudstone Group	0.33 – 0.64	0.0 – 0.4	0.1	6.0 – 6.9	11.6 – 12.6	0.0	1.0	0.4 – 1.0
BH15	1.00 – 4.00	Granular Alluvium/ Mercia Mudstone Group	1.10 – 2.13	0.1 – 0.3	0.1	0.2 – 2.0	18.9 – 20.1	0.0	1.0 – 2.0	0.2 – 0.4
BH66	1.00 – 3.00	Granular Alluvium	Dry	0.0	0.0	2.0 – 2.6	18.1 – 18.7	0.0	1.0	0.1



Location ID	Response zone (mbgl)	Strata	Groundwa ter level (mbgl)	Flow rate (I/hr)	Methane (%vol)	Carbon dioxide (%vol)	Oxygen (%vol)	Hydrogen sulphide (ppm)	Carbon monoxide (ppm)	PID reading (ppm)
BH17	2.00 – 18.70	Granular Alluvium/M	2.19 – 2.55	0.0	0.0	1.0 – 1.8	17.1 – 18.9	0.0	1.0 – 2.0	0.1 – 0.2
BH18	2.00 - 7.00	ercia Mudstone	2.77 – 2.82	0.0	0.1	1.3 – 1.8	16.8 – 17.0	0.0	2.0	0.0 - 0.3
BH16	2.00 - 6.00	Group	2.69 – 3.52	0.0	0.0	1.5 – 3.5	17.9 – 19.0	0.0	0.0 – 1.0	0.0
BH01	5.00 – 15.00	Mercia Mudstone Group	1.10 – 1.73	0.0 – 2.1	0.0	0.4 – 1.3	19.9 – 20.6	0.0	0.0 – 1.0	0.0
BH14	1.00 – 4.00	Cohesive Alluvium/ Granular Alluvium	2.10 – 3.02	0.1 – 0.3	0.1 – 0.4	1.3 – 4.0	18.3 – 19.9	0.0	0.0	0. – 2.9
WS48	Dry – 2.00	Made Ground	1.88 – 2.13	0.1 – 0.3	0.1 – 0.4	2.9 – 6.6	16.2 – 17.4	0.0	1.0	0.2 – 0.9
WS50	1.96 – 4.00	Made Ground/ Granular Alluvium	Dry – 3.68	-0.1 – 0.2	0.1 – 0.4	0.9 – 6.4	17.1 – 17.5	0.0	0.0 – 2.0	0.6 – 1.1
WS54	3.00 – 5.00	Cohesive Alluvium/ Granular Alluvium	0.80 – 1.73	-0.1 – 0.0	0.1 – 0.4	1.5 – 3.1	16.4 – 19.3	0.0	0.0 – 2.0	0.4 – 0.7
BH12	1.00 - 6.00	Granular Alluvium	2.33 – 2.91	0.0 – 0.3	0.0 – 0.4	0.3 – 7.3	13.1 – 19.6	0.0 – 3.0	1.0	0.3 – 1.2
BH11	1.00 - 6.00	Cohesive	3.31 – 3.71	0.0 – 0.1	6.1	0.1 – 0.5	14.6 – 19.6	0.0	1.0	0.1 – 0.8
BH10	1.00 – 5.00	Alluvium/ Granular	1.75 – 1.89	0.0 – 0.2	0.0	0.3 – 2.0	18.1 – 19.7	0.0	0.0 – 1.0	0.1 – 0.2



Location ID	Response zone (mbgl)	Strata	Groundwa ter level (mbgl)	Flow rate (I/hr)	Methane (%vol)	Carbon dioxide (%vol)	Oxygen (%vol)	Hydrogen sulphide (ppm)	Carbon monoxide (ppm)	PID reading (ppm)
		Alluvium/ Mercia Mudstone Group								
ВН07	1.00 – 5.00	Made Ground/Gr anular Alluvium	1.33 -1.49	0.1 – 0.3	0.1	2.2 – 3.4	17.1 – 18.5	0.0	2.0	0.1
ВН09	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium	1.29 – 1.46	-1.8 – 5.9	0.0 – 0.2	0.8 – 1.3	18.4 – 18.9	0.0	1.0 – 3.0	0.2 – 1.8
WS26	1.00 – 3.50	Granular Alluvium	1.70 – 1.99	0.0 – 0.6	0.0 – 0.2	0.1 – 1.3	19.8 – 20.7	0.0	0.0 – 1.0	0.1
BH02	1.00 – 5.00	Cohesive Alluvium/ Granular Alluvium/ Mercia Mudstone Group	1.00 – 1.08	0.0 – 0.3	0.0 – 0.1	2.4 – 3.2	17.7 – 18.2	0.0	1.0	0.2 – 0.3
WS08	1.00 – 5.00	Granular	1.01 – 1.14	0.0 - 0.2	0.0	0.1 – 0.6	18.8 – 20.7	0.0	1.0	0.2
WS12	1.00 – 3.00	Alluvium	0.55 – 2.44	0.0 – 0.8	0.1	4.9 – 5.8	9.9 – 10.5	0.0	1.0	0.8 – 1.1
BH03A	-	-	1.02 – 1.06	-0.2 – -0.1	0.0	5.5 – 6.7	13.4 – 16.0	0.0	3.0	0.3 - 0.7
WS15	1.00 – 3.00	Cohesive Alluvium and	1.20 – 1.40	0.0 – 0.2	0.1	2.9 – 3.5	17.6 – 18.1	0.0	1.0	0.5 – 1.0

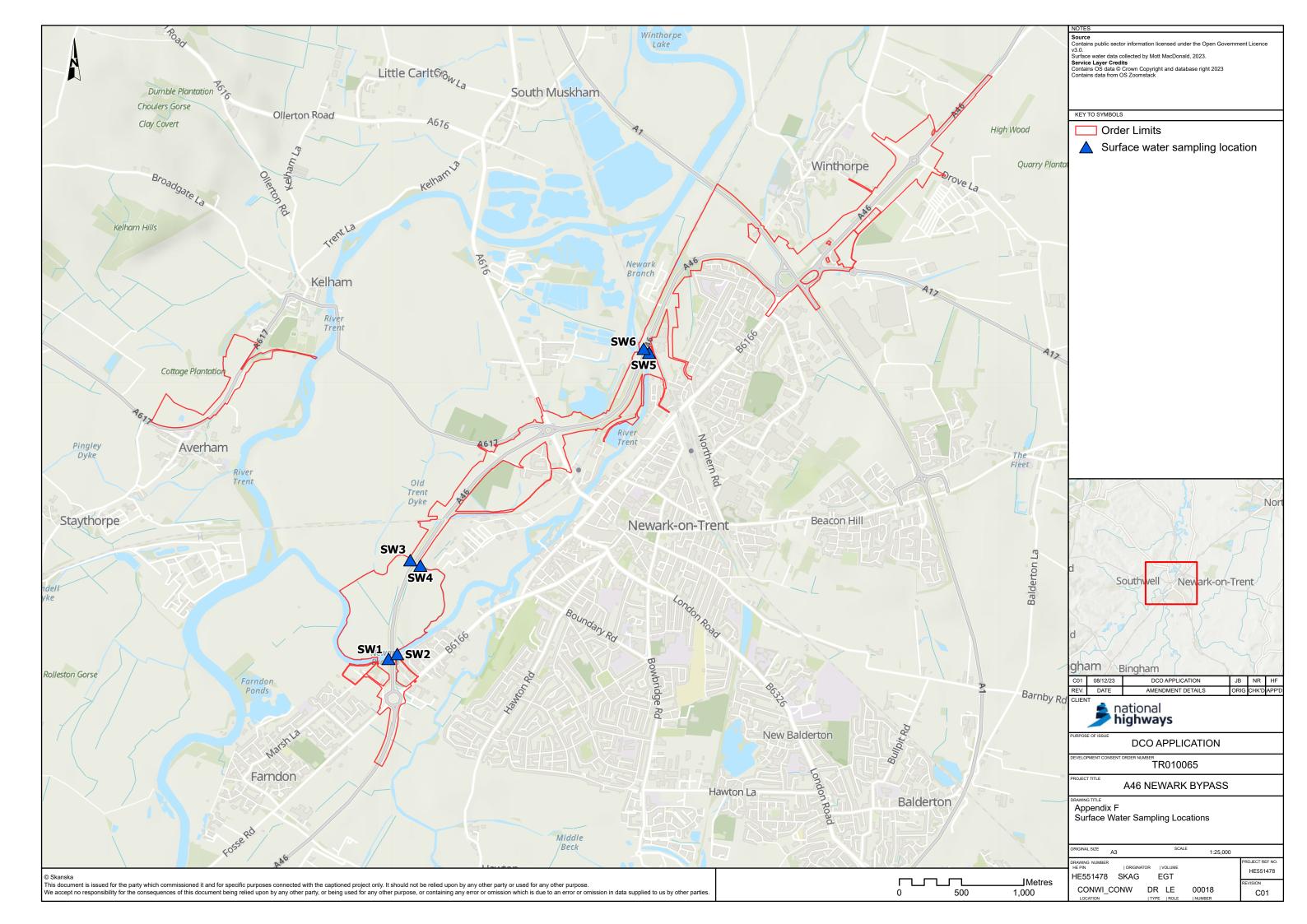


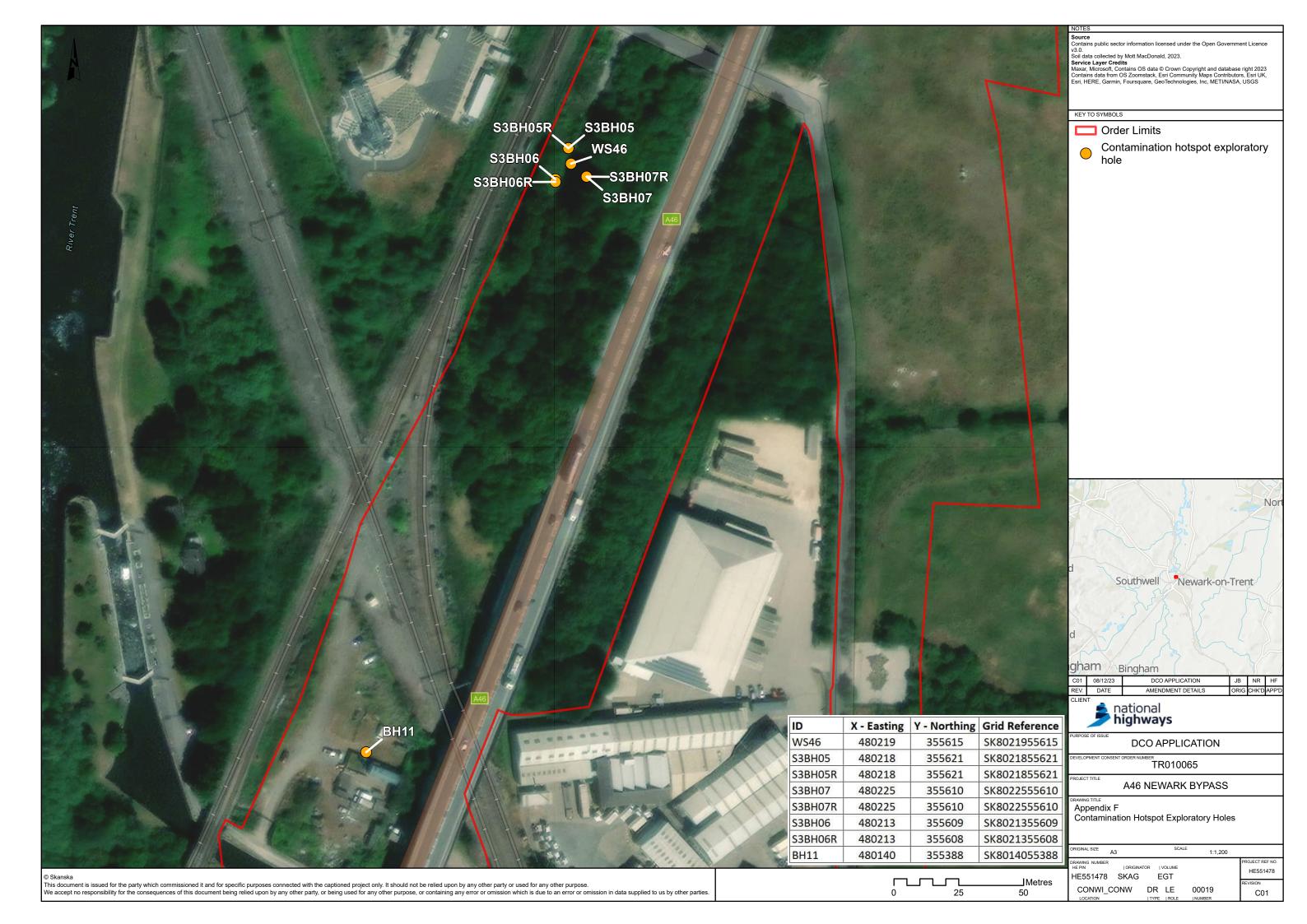
Location ID	Response zone (mbgl)	Strata	Groundwa ter level (mbgl)	Flow rate (I/hr)	Methane (%vol)	Carbon dioxide (%vol)	Oxygen (%vol)	Hydrogen sulphide (ppm)	Carbon monoxide (ppm)	PID reading (ppm)
		Granular Alluvium								
WS31	1.00 – 4.00	Granular Alluvium	1.74 – 2.40	0.0 – 0.3	0.0	1.7 – 4.7	17.1 – 19.3	0.0	1.0 – 8.0	0.6 – 1.0
WS25	0.50 – 3.50	Cohesive Alluvium and Granular Alluvium	2.00 – 2.56	0.0 – 0.2	0.0	1.1 – 2.0	17.9 – 20.1	0.0	0.0	0.1 – 0.2
BH56	-	-	1.12 – 1.66	0.0 - 0.2	0.0 – 0.1	2.0 – 2.8	13.6 – 17.7	0.0	0.0 – 1.0	0.1 – 1.0
BH05	1.00 – 5.00	Made Ground/ Granular Alluvium	2.07 – 2.31	0.0 – 0.3	0.0	0.2 – 1.0	14.7 – 19.0	0.0	1.0 – 2.0	0.1 – 0.5

<sup>\*</sup>Range has been based on assumptions excluding anomalous result



# **Appendix F: Drawings**







# **Appendix G: GIR**



# **A46 Newark Bypass**

TR010065/APP/6.3

# Appendix 9.2 Contaminated Land Risk Assessment Appendix G Ground Investigation Report

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

Volume 6

February 2024

# Infrastructure Planning Planning Act 2008

# The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

# **A46 Newark Bypass**

Development Consent Order 202[x]

# **ENVIRONMENTAL STATEMENT APPENDIX G Ground Investigation Report**

Regulation Number:	Regulation 5(2)(A)
Planning Inspectorate Scheme	TR010065
Reference	
Application Document Reference	TR010065/APP/6.3
Author:	A46 Newark Bypass Project Team, National Highways

Version	Date	Status of Version
Rev 1	February 2024	DCO Application



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# Regional Delivery Partnership

# Ground Investigation Report GDMS ID 41862



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# 1. Executive Summary

The Newark Bypass Scheme has been developed by National Highways (NH) to dual the remaining section of the A46 between Leicester and Lincoln to address congestion around Newark. This scheme seeks to address these problems through construction of a new 2-lane carriageway around 6.5km in length to link the existing dual carriageway to the north of the A1 to the A46 dual carriageway south of Farndon roundabout.

The proposed scheme includes new structures to enable the road to cross the River Trent, Nottingham to Lincoln railway, existing Cattle Market Roundabout, East Coast Main Line, Nether Lock Canal, the A1 and some smaller access under bridges.

Following an instruction from NH, the investigation was procured as an Early Works Order by Skanska. Strata Geotechnics Limited (SGL) were awarded the contract to undertake the investigation.

This Ground Investigation Report (GIR) summarises the ground investigation works carried out by SGL, together with previous ground investigations.

The ground investigation confirmed the geological sequence below the site to comprise a variety of superficial deposits overlying the solid geology. The Superficial Deposits comprise Topsoil, Made Ground, Cohesive & Granular Alluvium. The solid geology comprises Mercia Mudstone recovered as partially and fully weathered.

Laboratory testing has been carried out to enable the determination of characteristic soil parameters for use in the geotechnical design of the scheme.

Groundwater monitoring has been undertaken during the site works and is currently ongoing. Monitoring continues to be undertaken by Strata following completion of the site works to inform environmental aspects of design.



#### 2. Introduction

#### 2.1 Scheme context

The A46 forms part of the strategic Trans-Midlands Trade Corridor between the M5 in the southwest and the Humber Ports in the northeast. The improvements to the A46 corridor are detailed within the Department for Transport's (DfT) second Road Investment Strategy (RIS2) as a mechanism for underpinning the wider economic transformation of the country. RIS2 makes a commitment to create a continuous dual carriageway from Lincoln to Warwick.

The stretch of A46 between the Farndon Junction, to the west of Newark-on-Trent and the A1 to the east of Newark-on-Trent, is the last remaining stretch of single carriageway between the M1 and A1 and consequently queuing traffic is a regular occurrence, often impacting journey time reliability.

Further details on the need for the scheme are contained within the Case for the Scheme [TR010065/APP/7.1].

#### 2.2 Scheme location

The scheme would provide a dual carriageway on the A46 between Farndon and Winthorpe in Nottinghamshire. The Farndon roundabout is located at the southern extent of the scheme where the B6166 Farndon Road joins the A46.

The Winthorpe junction is located at the northern extent where the A1133 joins the A46. Along its route, it crosses the A617 and the B6326, at the Cattle Market junction, and the A1 between the Friendly Farmer and Brownhills roundabouts. The figure in Appendix C shows the location of the scheme.

The scheme is situated within the county boundary of Nottinghamshire County Council and within the administrative boundary of Newark and Sherwood District Council.

The scheme crosses the River Trent twice, the Nottingham to Lincoln railway line twice, and the East Coast Main Line once.

The existing A46, currently a single carriageway, is elevated on embankments due to the low-lying floodplain of the River Trent. This floodplain is located to the west of the A46 for the majority of the affected length, along with a section at the southern end on the eastern side of the A46. Several roundabouts form key junctions along the route, linking local A roads. Road infrastructure is softened by roadside vegetation in places and the River Trent is a strong natural influence within an otherwise built-up landscape. To the north of the A46, farmland dominates, interspersed with small-scale settlements. To the south of the A46, the town of Newark-on-Trent forms a notable urban settlement.

# 2.3 Scheme aims and objectives

The aim of the proposed scheme is to increase capacity and reduce traffic congestion on the A46 around Newark. This will directly contribute to the UK, regional and local Government's transport and economic growth plans by improving connectivity from Lincolnshire to the national motorway network, and improving route standard consistency for the A46, providing a consistent high standard dual carriageway between the Midlands and Lincoln.

Scheme-specific objectives have been used to develop the proposed scheme design which are set out below:



Safety	Improving safety through scheme design to reduce collisions for all users of the A46 scheme.
Congestion	Improve journey time and journey time reliability along the A46 and its junctions between Farndon and Winthorpe, including all approaches and A1 slip roads.
Connectivity	Accommodate economic growth in Newark-on-Trent and the wider area by improving its strategic and local connectivity.
Environment	Deliver better environmental outcomes by achieving a net gain in biodiversity and improve noise levels at Noise Important Areas along the A46 between Farndon and Winthorpe junctions.
Customer	Build an inclusive scheme which improves facilities for cyclists, walkers and other vulnerable users where existing routes are affected.

#### 2.4 Scheme description

The section of the A46 that is to be upgraded is approximately 6.5 kilometres in length. The scheme comprises on-line widening for the majority of its length between Farndon roundabout and the A1. A new section of offline dual carriageway is proposed between the western and eastern sides of the A1 before the new dual carriageway ties into the existing A46 to the west of Winthorpe roundabout. The widening works include earthwork widening along the existing embankments, and new structures where the route crosses the railway lines, River Trent, the A1 and local roads.

The scheme consists of the following principal elements:

- Widening of the existing A46 to a dual carriageway for a distance of 6.5 kilometres to provide two traffic lanes in both directions.
- Partial signalisation of Farndon roundabout at the southern extents of the scheme.
- A new grade-separated junction at Cattle Market junction with the A46 elevated to pass over the roundabout. A larger roundabout beneath the A46 to provide increased capacity.
- A new off-line section to bypass the existing Brownhills roundabout and Friendly Farmer roundabout.
- A new grade separated northbound off slip to a new roundabout providing local access, with a two-way link road on the southern arm to connect with the existing Brownhills roundabout.
- A two-way parallel link road from Friendly Farmer to Winthorpe roundabout to the southern side of the existing dual carriageway.
- A new bridge structure across the existing A1, located to the north of the existing bridge
- An upgraded roundabout with partial signal controls at Winthorpe roundabout.
- Improvements to Walking, Cycling and Horse Riding (WCHAR) facilities through safer, enhanced routes.



- Three areas have been identified for floodplain compensation which are being
  referred to as the Kelham and Averham Floodplain Compensation Area (FCA),
  Farndon West and Farndon East. In addition, the Farndon East FCA will also be
  used as a borrow pit to support the creation of embankments required for the
  scheme.
- Drainage features including attenuation ponds.
- Environmental mitigation including landscape planting.
- Associated accommodation works and maintenance access tracks.

#### 2.5 Scope and objectives of the report

This report follows the CD 622 [2] process from the PCF Stage 2 reports by Atkins comprising Statement of Intent (SoI) ref 30221, May 2018 and Preliminary Sources Study Report (PSSR) ref 32224 [1], February 2021.

This Ground Investigation Report (GIR) has been prepared in accordance with Appendix F of CD622 "Managing Geotechnical Risk" [2] and BS EN 1997-2 [3].

The construction of this scheme will impact upon existing Network Rail (NR) infrastructure including two highway bridges over the Nottingham to Lincoln Line and one over the East Coast Main Line (ECML). Consequently, this report has been produced to comply with the approval processes set out in Network Rail document NR/L2/CIV/003 "Engineering Assurance of Building and Civil Engineering Works" [4] with reference to NR/L3/CIV/071 "Geotechnical Design" [5] and NR/L3/CIV/020 "Design of Bridges" [6].

The following elements have been undertaken to achieve the objectives of the report:

- Examination and evaluation of available desk study information and historic ground investigation data.
- Evaluation of scheme specific ground investigations.
- Production of a ground model based on the desk study and ground investigation information.
- Production of an Engineering Assessment of the various options for earthworks and foundations that address the required road alignment and structure loadings.
- Production of a geotechnical risk register highlighting the risks identified that need to be addressed during the design.

#### 2.6 Geotechnical category

It is recommended that the scheme is classified as Geotechnical Category 2 i.e. a project with conventional types of geotechnical activities, with no unusual or difficult ground conditions and involving no abnormal risks. The outcome of this classification means that independent checking can be carried out within the same organisation unless the category of structure requires a CG 300 [7] Category 3 check which may include foundations and adjacent earthworks.

At this stage it is expected that there will be three Category 3 structures comprising the A1 bridge (B17N) and the combined Nether Lock and ECML Viaduct (B09N) where spans will exceed 50m and the eastern Nott-Linc Railway Bridge (B08N) which will contain 'unconventional, novel or esoteric design aspects', as detailed in section 7.15.

The assessed Geotechnical Category shall be reviewed throughout the development of the scheme.

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# 2.7 Other relevant information

None



# 3. Existing information

#### 3.1 **GDMS** Documents

Table 2 summaries the existing information which this report is based on. For detailed information, reference to the source document may be required.

**Table 2: Summary of sources of Existing Information** 

Scheme Title	Report Type	Date	Author	GDMS Ref
A46 Newark Relief Road Report on Site Investigation [8]*	Factual GI Report	1978	Exploration Associates	10095
A46 Newark Relief Road Report on Supplementary Site Investigation [9]*	Factual GI Report	1985	Exploration Associates	10090
A46 Newark Relief Road [10]	Geotechnical Report	1985	Travers Morgan & Partners	10102
A46/A17 Newark Relief Road A17 Link Road [11]	Geotechnical Report	1987	Travers Morgan & Partners	10101
A46 Newark Relief Road [12]	Geotechnical Feedback Report	1991	Department of Transport	10107
A46 Western Junction Brownhills Roundabout [13]	Preliminary Sources Study & Ground Investigation Report	2018	Kier	30204
A46/A1 Eastern Friendly Farmer Roundabout Improvements [14]	Ground Investigation Report (Only AGS Data available)	2018	Kier	30265
A46 Cattle Market Roundabout Improvements [15]	PSSR, Ground Investigation Report & GDR	2018	Kier	30231
A46 Western Junction Brownhills Roundabout [16]	PSSR, GIR (Only AGS Data available)	2018	Kier	30204
A46 Western Junction Brownhills Roundabout [17]	Geotechnical Design Report	2018	Kier	30621
A46 Newark Northern Bypass [18]	Geotechnical Statement of Intent	2018	Atkins	30221
A46 Newark Northern Bypass [1]	PSSR	2021	Atkins	32224
A46 Newark Northern Bypass [19]	GISR	2021	Atkins	32225
A46 Newark Northern Bypass [20]	GISR & Specification for supplementary GI	2022	Mott MacDonald	35248
A46 North Newark Bypass [21]**	Factual GI Report (based on refs [1] and [18])	2022	Tetra Tech	45128
A46 Newark Bypass [22]**	Factual GI Report (based on ref [19]	2023	Strata Geotechnics	45129
A46 Western Junction Brownhills Roundabout [23]	Geotechnical Feedback Report	2022	Kier	37529

<sup>\*\*</sup> Sources of factual data for parameter plots in the Appendix to this report \* Further sources of factual data used in the Appended geotechnical plans and sections



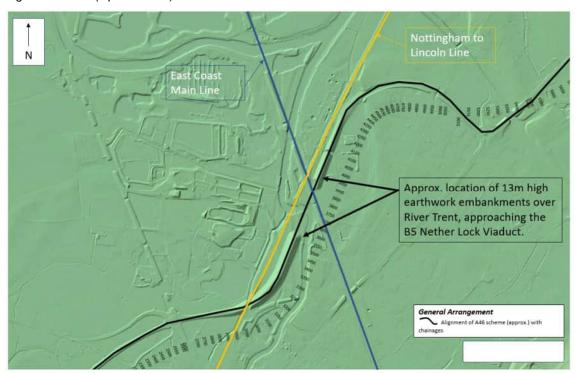
#### 3.2 Topographical Maps

The current topography data is based on the Atkins Stage 2 survey which is largely LiDAR based. Additional topographic surveys will be carried out by Skanska as required as the design develops.

The scheme is largely located within the River Trent flood plain and is low lying and flat. The topography does not feature any steep gradients.

The southern part of the scheme runs through the River Trent alluvial flood plain where natural ground levels are typically 9 to 10mOD. The current earthworks predominantly consist of embankments (up to 13m high and with slopes 1V:2H to 1V:2.5H). To the east of the Brownhill's Junction the land rises out of the flood plain and reaches a maximum natural ground level of 18mOD near the eastern end of the scheme at Winthorpe Junction, as highlighted in the LiDAR map [24] in Figure 1. The image below highlights the location of the 13m high earthwork embankments, approaching the B5 Nether Lock Viaduct.

Figure 1: LiDAR (Open Source)



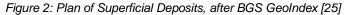
#### 3.3 Geology

British Geological Survey (BGS) Sheet 113 Ollerton and 126 Nottingham, together with the associated memoirs (Edwards, W 1967 and Howard, A 2010) provide geological details of the project area.

#### 3.3.1 Superficial Deposits

The superficial deposits include, Alluvium (ALV), the Holme Pierrepoint Sand and Gravel member (HPSG) and Balderton Sand and gravel member (BDTN) of the River Terrace Deposits distributed across the site as shown in Figure 2.







#### 3.3.1.1 Alluvium (ALV)

This is a general term for the unconsolidated detrital material deposited by a river or stream. Normally soft to firm consistency, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present. According to the 1985 Geotechnical Report [9], the Alluvium present on site is highly variable with the potential for deep alluvial channels running through the site.

#### 3.3.1.2 Holme Pierrepoint Sand and Gravel Member (HPSG)

This often lies beneath the Alluvium where present. The HPSG predominantly comprises sands and gravels, detrital in nature, ranging from coarse to fine grained and form beds and lenses of deposits reflecting the channels, floodplains and levees of a river or estuary. Generally pinkish, poorly sorted and compositionally rather immature matrix—supported, sandy, trough—cross bedded (braided river) gravels with syndepositional ice-wedge casts.

#### 3.3.1.3 Balderton Sand and Gravel Member (BDTN)

Like the HPSG, they are predominantly cold-phase sands and gravels. Orange-brown sandy gravel dominated by rounded pebbles of "Bunter" quartz/quartzite (0.75%) with subordinate subangular flint (c.15%), and rarer Triassic sandstone.

#### 3.3.2 Solid Geology

#### 3.3.2.1 Mercia Mudstone Group (MMG)

Described in the BGS Lexicon as "Dominantly red, less commonly green-grey, mudstones and subordinate siltstones with thick halite-bearing units in some basinal areas. Thin beds of gypsum/anhydrite widespread; sandstones are also present".

#### 3.3.2.2 Gunthorpe Member Mudstone (GUN)

Described in the BGS Lexicon as "Mudstone, red-brown, with subordinate dolomitic siltstone and fine-grained sandstone, greenish grey, common gypsum veins and nodule"

#### 3.3.2.3 Edwalton Member Mudstone (EDW)

Described in the BGS Lexicon as "Mudstone and siltstone, red-brown and greenish grey, with beds of indurated, variably dolomitic siltstone and very fine-grained



sandstone common in the lower half; finely disseminated gypsum common in upper half".

#### 3.4 BGS Archive borehole data

The BGS database of historical borehole scans shows the location of numerous exploratory holes for the Ground Investigation Reports which have been retrieved from GDMS. There are no additional BGS BH scans that provide information for the main line works, however there are 6 trial pits at Home Farm, Kelham near to the proposed flood compensation excavation, which indicate topsoil being underlain by Sand and Gravel. Two further historical boreholes indicate the depth of sand and gravel to vary between 6.8 and 7.8m, with Mercia Mudstone present beneath. The archives include details of a lagoon where a constant head pumping test was carried out revealing a drawdown of 0.62m for pumping rate of 792m³/day over an 8-day period, with a reported transmissivity of 285 to 863 m²/day, which indicates a mass permeability of approximately 1 x 10⁻³ m/s for an estimated 7m depth of granular soil above Mercia Mudstone.

#### 3.5 Records of Mines and Mineral Deposits

The Coal Authority Interactive Map [26] indicates the site is not located within a Coal Mining Reporting Area. No coal mining features, or license areas are recorded in the vicinity of the site.

It must be noted, however, that non-coal mining activity was present between north of project chainage 3750-4450. The historic mining activities are located on the north-western side of the Nottingham-Lincoln railway line, and therefore not directly adjacent to the scheme.

The 1985 Geotechnical Report [9] states that the A46 route crosses borrow pits used for construction of the nearby Great North Road. Also, borrow pits associated with the construction of the existing A46 have potentially been backfilled with locally sourced alluvium, which may pose a risk to future works. Google Earth indicates the likely extent of an old borrow pit where surface settlement is noted to the north of the A46 between Ch.1100-1400, and agricultural crops have not been present in images from 1999 to 2020. The extents are presented on Figure A.2 in the appendix to this report.

#### 3.6 Site history

Full details of the site history are contained in the PSSR [1] and Geotechnical Feedback Report [11]. Where relevant extracts of the site history are included in subsequent parts of this report and significant residual hazards included in the Section 7 Register and the Appendix A figures.

Key aspects of the site history include:

- Historical meanders of the River Trent and associated Trent Dike crossing the route
- Existing Infrastructure crossing the route include railways, highways and buried services.
- Off-site sources of potential contamination including an old glue factory near Quibells Lane.



#### 3.7 Archaeology and Ecology

The known geoarchaeology has been reported within section 4.5 of Appendix 6.1 (Cultural Heritage Desk Based Assessment) within the scheme Environmental Statement, TR010065/APP/6.3.

The known ecology has also been reported in section 8.8 Chapter 8 (Biodiversity) of the Environmental Statement, TR010065/APP/6.1.

Where effects on the proposed Works have been identified, for example new embankments causing loss of habitats, the impacts are compensated for e.g. new additional planting within the scheme.

An intrusive trenching archaeological investigation is planned for summer / autumn 2023, therefore some risk remains that archaeological features are identified which in turn may impact on the geotechnical works e.g. affect the choice of Special Geotechnical Measures.

#### 3.8 Existing Ground Investigations

A large amount of geotechnical information is available from the original A46 Newark Bypass project (1978-1991) and the Stage 2 Ground Investigation (2021/2022).

- A46 Newark Relief Road Report on Site Investigation, Exploration Associates, 1978
   [8]
- A46 Newark Relief Road. Supplementary Site Investigation Report. Exploration Associates S4604, 1985 [9]
- A46 Cattle Market Improvements. Factual Report on Ground Investigation F7027-17-1, ESG, November 2017 [27]
- A46 North Newark Bypass, Tetra Tech, 2022 [21]

A supplementary Ground Investigation has been specified by the current designer (Mott MacDonald) and carried out by Strata Surveys during 2022/2023.

The purpose of the supplementary GI included the following:

- Down hole seismic testing to establish small strain soil stiffness to inform the mechanical characterization of the soil and allow for the calibration of non-linear soil stiffness to be adopted for the design of large pile groups to major bridges.
- CPT investigation to improve coverage and precision of understanding the depth, strength and stiffness of shallow drift soils.
- Increased coverage of exploratory holes to address Stage 3; development of the highway alignment in the Brownhill's area and for the design of a temporary working platform for fabrication and installation by 'Self Propelled Modular Transport' of the new A46 over A1 bridge.
- Further investigation of the nature of a contamination hotspot near the east abutment of Nether Lock Viaduct identified in the 2021 GI at WS46.
- In-situ resistivity testing of Class 2E PFA fill for potential sheet pile design.
- Window Samples for the proposed Kelham Flood Compensation Excavation.
- Trial Pits for proposed Borrow Pits.
- Trial pits for soil infiltrating tests along the north-eastern part of the route.



#### 3.9 Consultation with Statutory Bodies and Agencies

The PSSR Section 3.14 [1] included a review of the MAGIC online viewer revealed there are no statutory environmental designations on the site.

Statutory consultations are currently underway with County Archaeologist, Environment Agency, Historic England, Local Authorities, Natural England, Network Rail and Statutory Undertakers. The PSSR Section 3.14 lists 6 scheduled monuments located on or in close proximity to the study area. An archaeological investigation is currently being planned close to the Cattle Market Junction.

Two listed structures have been identified on the current scheme comprising The Causeway Culvert at Cattle Market (grade II) and Causeway Arches on the Great North Road 80m north of the existing Cattle Market roundabout.

At this stage there are currently no potential risks to the geotechnical design which have been identified so far in these consultations, although it is noted that the archaeological investigation is not yet complete.

#### 3.10 Contaminated Land

Potential sites of contamination along, and within 250m of, the proposed route alignment have been discussed within section 3.22 and Table 7 of the PSSR.

The potential sources of contamination along the length of the route comprise historical sites such as railways, landfill sites, factories and sewage works. Current sources of potential contamination include industrial works and made ground associated with development in the area.

The 2022 GI further investigated the nature of a contamination hotspot near the east abutment of Nether Lock Viaduct identified in the 2021 GI at WS46 and the findings are discussed in the Contaminated Land Risk Assessment [27].

#### 3.11 Flooding

The local hydrology is dominated by the River Trent, which the A46 crosses twice along the extent of the scheme. Modelling has established potential flooding up to a level of +13.16mOD in the southern part of scheme and reducing in level until Point 20 at Ch.4500 just to the west of Brownhills Underpass where no flood under the scheme design criteria will occur.

A Flood Risk Assessment will be included as part of the Environmental Statement to be submitted with the DCO Application. A copy of the plan of the modelled flood levels for a 1 in 100-year event + 39% for climate change (required by the EA for flood risk assessment) and a schedule of the 1 in 1000-year (proxy for the 200yr + CC required for scour assessment in accordance with CD356 [28]) is shown below. For the purpose of this report the 1:1000yr levels should be considered.



Point	Peak Water Level mAOD (1000yr)	Peak Water Level mAOD (100yr+CC39)
P01	12.96	12.73
P02	13.16	12.93
P03	13.12	12.91
P04	12.89	12.66
P05	12.88	12.66
P06	13.06	12.89
P07	12.52	12.32
P08	12.27	11.97
P09	12.24	11.94
P10	12.14	11.88
P11	12.52	12.32
P12	12.51	12.31
P13	12.21	11.93
P14	12.14	11.88
P15	12.14	11.88
P16	12.24	12.15
P17	12.07	11.74
P18	11.78	11.46
P19	11.78	11.46
P20- 28	No flood	No flood

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Figure 3: Plan showing location of different flood levels detailed in the table above.



Blue shading indicates plan extent of 1:100 flood event + 39% allowance for climate change

The proposed highway widening works encroach on a large part of the River Trent's fluvial floodplain. Floodplain compensation works are therefore required.

There are existing flood defences adjacent to and within the existing A46 Works with cohesive marl fill and a 1m deep shear key as detailed in the GFR [11] Figure 5. These are as follows:

- i) Farndon Flood Bank
- ii) Weydale Flood Bank
- iii) Kelham Road Flood Bank (including A46 Ch.2650-3050). 750m in length up to 3m in height

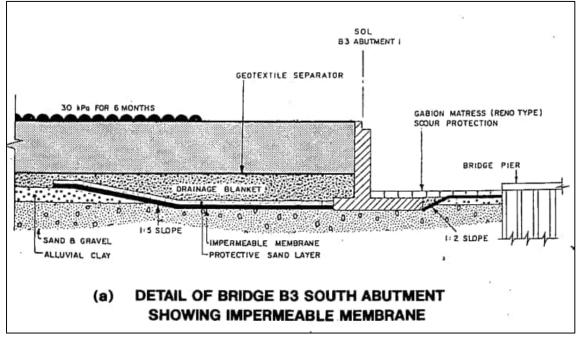
Also, a low permeability separator (Stabilenka 400) was laid beneath the starter layer to the western approach embankment to Bridge B1 (Windmill Viaduct) to reduce the likelihood of groundwater flow causing flooding during construction and to improve trafficability.

The 1985 Geotechnical Report identifies alluvial clays as providing a semi-permeable layer which reduces upward water flow from the gravels to the surface and that removal of these clays may exacerbate future groundwater flooding if not mitigated for example by incorporating impermeable membranes.

An impermeable membrane (Carbofol CHD 25 with PP5 fleece) is also shown in GFR [11] 4.06 and Figure 4(a) adjacent to the southern abutment of Bridge B3 (Ch.1450), but beyond the footprint of the bridge this was only required as a temporary precaution for groundwater flows and uplift until the overburden of the new embankment was complete. Details are shown in the figure below.



Figure 4: Extract from GFR [11] Figure 4(a) showing section of membrane at Bridge B3 South Abutment



In the Kelham Road defence, a grout curtain cut-off was included in some areas as a remedial measure where inadequate permeability test results were obtained. Between Cattle Market and the B4 Bridge a cut-off with impermeable membrane was provided within the existing A46 embankment as illustrated in Figure 5 below, to prevent overland flooding during construction and to encourage flood water to pass through the flood relief culvert beneath Cattle Market Roundabout. The GFR [11] Figure 3 shows that the impermeable barrier is only placed above shear keys when full removal of alluvial clay was not carried out, and Figure 4 shows the section close to the south abutment of Bridge B3 where ground improvement was carried out to the full width of the embankment.

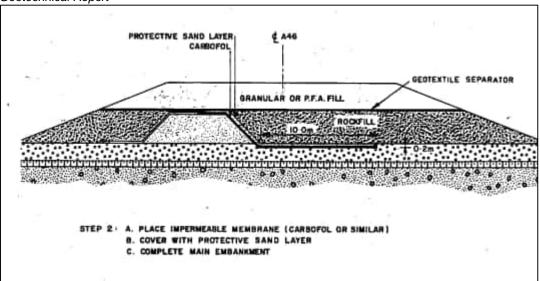
The existing A46 embankment currently has a geomembrane between Ch.2650 and Ch.3050, which provides a flood defence. The proposed ground improvement in this area requires stone and concrete columns to puncture this membrane. The GDR will explain how the ground improvement and new embankments considers groundwater flows during flood events so that the flood risk to third party assets does not increase and that uplift pressure is balanced by sufficient overburden weight of fill.

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Figure 5: Extract from as-built drawings showing the impermeable cut-off south of Bridge B4, from 1985 Geotechnical Report



#### 3.12 Hydrology

Hydrological features along the proposed route are discussed and summarised in Section 3.7 of the PSSR.

#### 3.13 Hydrogeology

Hydrogeological features along the proposed route are discussed and summarised in Section 3.6 of the PSSR. Key points are:

- i) The Mercia Mudstone is a Secondary B Aquifer (low permeability layers with limited groundwater due to fissures, thin permeable horizons and weathering:
- ii) There is one abstraction licence near Farndon used for farming and domestic purposes. There are 6 further similar abstraction locations within 250m of the site.

#### 3.14 Groundwater

The results of the water strikes, along with the levels recorded at the beginning and end of the shift are recorded on the exploratory hole logs contained within the final Factual Report.

To enable the ongoing monitoring of the groundwater level along the length of the scheme, standpipe piezometers were installed including continuous data loggers to allow for automated daily readings. These were installed in 9. No existing locations from the Tetra Tech 2021/2022 GI and 12 No. locations in the 2022/2023 GI. At the time of writing, a third phase of GI has been instructed by the flood modelling team which will include an additional 3 No. groundwater monitoring locations. This monitoring will be continued into 2024.

At the time of writing, groundwater monitoring for January, February and April 2023 has been received. This is included in the final factual report in Appendix C.

Over certain areas the alluvial clay cover is very sparse. At the Newark cricket ground, for example, the alluvial clay is less than 1m thick. Anecdotal evidence is that this area often floods first, before the arrival or surface floodwaters i.e. water moves upwards from the sands and gravels.



The level of the upper water table is directly related to the level of the water in the River Trent. When the level of water changes in the river, so does the groundwater table; this is because the river is hydraulically connected directly to the underlying sands and gravels.

For the purpose of design, the worst-case ground water level shall be the predicted flood level as shown in Section 3.11, or subsequent levels when the flood modelling is complete. No artesian, or other unusual groundwater conditions are anticipated.

#### 3.15 Unexploded Ordnance (UXO)

Following the PSSR, Mott MacDonald commissioned Zetica to complete a UXO Desk Study & Risk Assessment [30]. The key findings of this report indicate that no significant sources of Unexploded Ordnance (UXO) hazard have been identified throughout the site. The risk map has been extracted from the report and included in Figure 6. Zetica classifies the site as 'Low' risk.

Source: OpenStreetMop

Very Low

Legend

High

Very High

Very High

Source: OpenStreetMop

Very Low

Low

Moderate

High

Very High

Site boundaries

Figure 6: UXO Risk Map

Source: Zetica Newark-on-Trent UXO Desk Study [30]



# 4. Field and Laboratory Studies

#### 4.1 Walkover Studies

A site walkover was carried out by Alan Willoner, Alex Wright and Daniel Benda (Mott MacDonald Geotechnics) on 16.03.2022. The purpose of the walkover was familiarisation with the site and to consider access constraints for supplementary Ground Investigation and Construction. An additional walkover was carried out on 02.05.2023 by Alan Willoner with geotechnical engineers from National Highways, Jacobs and Skanska.

#### 4.2 Geological and Geomorphological Mapping

No geological or geomorphological mapping has been undertaken in the preparation of this report. Given the knowledge of the geological strata and structures along the route, further geological and geomorphological mapping is not required for this report.

#### 4.3 Ground Investigations

The PSSR notes that GI information is available along the entire route alignment from Farndon Junction to A1/A46 Junction, whereas for the remaining part of the route from A1/A46 Junction to Winthorpe Roundabout the available GI information is limited. It is also important to note that the alignment in the Brownhills area has changed significantly since the PSSR and the 2022/2023 GI addresses this.

The quality and quantity of the information from the ground investigations up to 2023 can be considered wide enough to gain a sufficient understanding of the geology in the area to carry out the detailed design.

The Specification for the 2022-23 Supplementary Ground Investigation was prepared by Mott MacDonald [31]

Procurement of a ground investigation contractor was undertaken by Skanska as part of their early works contract. Strata Geotechnics Limited (SGL) were appointed by Skanska to carry out the ground investigation, with Mott MacDonald undertaking a technical supervisory role.

Fieldwork was undertaken in two phases due to land access constraints. SGL were on site for Phase 1 from October 2022 to November 2022 and Phase 2 from January to February 2023. This interpretive GIR is based on the findings of the factual report for this ground investigation and all other previous factual GI reports. Plans of the as-built exploratory hole locations are included in the geotechnical drawings in Appendix A. The final supplementary factual report is included in Appendix C.

Fieldworks comprised the following:

- 6 no. Cable Percussive (CP) boreholes with rotary follow on
- 9 no. Rotary Core Follow On boreholes including downhole geophysical logging
- 4 no. Sonic Rotary boreholes
- 9 no. Window Sample (WS) boreholes
- 47 no. Cone Penetration Tests (CPT's)
- 6 no. Seismic Cone Penetration Tests (SCPT's)
- 2 no. Resistivity Tests
- 22 no. Trial Pits
- 9 no. Infiltration tests
- Groundwater monitoring installations



Sampling for geotechnical and geo-environmental purposes

Changes between the proposed ground investigation and the works undertaken are summarised below:

- S3BH12 descoped due to land access issues
- S3CPT16 unable to be completed due to access, replaced with sonic rotary borehole named S3BH15
- S3TP03-05, S3TP09, S3TP11, S3TP13-16 and S3WS02-03 descoped due to old borrow pit location being located and preliminary information on material characteristics reduced the prospect for winning suitable material at this location
- S3TP27-34 added as located within potential borrow pit locations

At the time of writing, a further phase of ground investigations has been requested by the flood modelling team to investigate potential additional flood compensation and borrow pit areas at Kelham, east of Farndon roundabout and north of Brownhills underpass. Information from this phase will not be included within this GIR as this is not required for the permanent geotechnical design, however any new factual data on ground or groundwater will be reviewed and referenced in future Geotechnical documents.

#### 4.4 Results of In Situ Tests

The following in situ testing was undertaken in the exploratory holes.

- Standard Penetration Testing (SPTs)
- Cone Penetration Testing (CPTs)
- Downhole Geologging
- In-situ Hand Shear Vanes

The results of the in-situ testing can be found within the final Factual Report [32] and are discussed in Section 5.

#### 4.5 Drainage Surveys

The southern part of the scheme runs through a flood plain and therefore carriageway drainage must feed into balancing ponds elevated above the flood plains. Preliminary locations of ponds are shown on the GA drawings.

Trial pit infiltration tests were carried out in the Brownhills Junction area and east of the A1 where the scheme is outside the flood plain, to assess the soil permeability for potential soakaway design, however the soil proved to be low permeability and unsuitable for permanent soakaways.

#### 4.6 Geophysical Surveys

The following geophysical surveys and testing were undertaken during the ground investigation for the determination of geological or geotechnical parameters.

- Resistivity Testing
- Seismic Cone Penetration Testing
- Down Hole Seismic Testing



The results of the geophysical testing can be found within the final Factual Report [32] and are discussed in Section 5.

#### 4.7 Test Pile Results

No test piles have been conducted relating to this phase of works but below is a summary of the test pile information from both historical sources and case studies within similar ground conditions.

The existing A46 Newark Bypass used driven H piles to support the bridges. Due to the proximity of new structures to existing and potential for damage from ground borne vibration, new structures will be generally supported by piles constructed with CFA or bored cast in-situ methods. Small section driven steel piles are proposed for the Farm Access Underpass extension (Ch.0990), subject to 'Temporary Works' assessment of potential damage from ground borne vibrations.

The 1991 GFR [11] shows that ultimate pile working loads of 1200 to 1600kN were achieved for 305x305 H piles driven to a tight set or refusal by a 5 tonne hammer and stroke of 475 to 675mm in the Mercia Mudstone. 12 out of 22 pile load test results are contained in the GFR [11] and are related to the Nether Lock Viaduct and the East Coast Main Line Bridge (ECML). The test pile results for Bridge B4 (Notts-Linc Railway East) have been requested to National Highways but these cannot be located.

All of the 12 pile load tests provided consistent and favourable results with findings as listed below:

- Working Loads for piles tested were 700 to 730kN whereas B4 piles subject to potential reuse under new loading were 650kN compression.
- Results for raking piles were very similar to vertical piles for compressive ground resistance.
- Q<sub>ult</sub> was proven to be in the range 1200 to 1600kN i.e. FoS approximately 2.
- Settlement at working load was in the range 1.5 to 3mm.

These driven H pile test results are useful to assess the reuse of Bridge B4 east abutment foundations for increased load but are not suitable to inform the likely skin friction or end bearing characteristics of the proposed cast in-situ piles, due to the different type of piling method. For new CFA or bored (replacement piles) it will be necessary to calculate skin friction values, consider historical empirical data and verify these values by means of project specific pile load testing and back analysis during PCF Stage 6.

CIRIA Report 47 [33] provides case history data for several pile load tests in Mercia Mudstone in Teesside, Birmingham and Leicester and indicates shaft resistance of 150-180kPa for grade III and IV weathered rock and 250-280kPa for grade II fresh rock.

More recent HS2 data [34] for sites near Birmingham with piling into Mercia Mudstone indicate shaft resistance of 100-150kPa for grade III and IV weathered rock and 150-350kPa for grade II fresh rock.

Unpublished project experience of CFA test piles in Mercia Mudstone have revealed shaft resistance as low as 50kPa for grade III and IV weathered rock when excessive time for constructing the pile has resulted in excessive remoulding of the soil. The cause of such problems may be related to use of low powered rig, bending of the hollow auger stem, clogging of remoulded high plasticity clay impacting on flighting the soil up the auger or from bands of gypsum which are difficult to penetrate due to the lack of discontinuities or bands of competent siltstone or mudstone lithorelicts which can also be difficult to penetrate.



The A46 Newark to Widmerpool Improvement GFR, April 2013 contains some information about rotary bored piling in Mercia Mudstone. The Grantham Canal bridge had each abutment founded on 40Nr 900mm diameter piles with cut off level approximately 39mOD and toe level 21 to 25mOD. Pile logs and pile test results are given in Annex E of the GFR but this cannot be located on GDMS.

#### 4.8 Additional Surveys

At the time of writing the latest design fix included an update to the red line boundary to include two additional areas for flood compensation and potential borrow pit use. Additional trial pits and groundwater monitoring boreholes have been specified and the ground works were completed in May 2023. The ongoing groundwater monitoring data will be provided during PCF Stage 5 and certified for upload to GDMS, but is not required for the geotechnical design of the new permanent works.

#### 4.9 Laboratory Investigation

#### 4.9.1 Geotechnical Laboratory Testing

Geotechnical laboratory testing was carried out by Professional Soils Laboratory on representative samples of the soils recovered.

Geotechnical laboratory testing comprised the following:

- Water Content tests (BS1377-2:2022, Cl 3) [35]
- Atterberg Limit Determinations (BS1377-2:2022, Cl 5) [35]
- Particle Size Distribution tests by wet sieving (BS1377-2:2022, Cl 9) [35]
- Particle Size Distribution tests by hydrometer/pipette (BS1377-2:2022, Cl 9) [35]
- Point Load Test determinations (ISRM 2007)
- Unconfirmed Compressive Strength (UCS) (IRSM 1981)

The results of the geotechnical laboratory testing can be found within the final Factual Report [32] and discussed in Section 5.

No significant changes or omissions were made to the laboratory testing originally proposed.

#### 4.9.2 Chemical Laboratory Testing

Chemical laboratory testing was undertaken by Chemtech Environmental.

- pH determinations (BS1377-4:2022) [35]
- water-soluble sulphate determinations (BS1377-4:2022)
- acid extract sulphate determinations (BS1377-4:2022)
- total Sulphur determinations (BS1377-4:2022)

The results of the geotechnical laboratory testing can be found within the final Factual Report [32] and discussed Section 5.

#### 4.9.3 Geo-Environmental Testing

Geoenvironmental testing was undertaken by Chemtest.

- Mott MacDonald Comprehensive Soil Suite
- Mott MacDonald Comprehensive Leachate Suite
- Mott MacDonald Comprehensive Water Suite

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The testing suites are included within the appendix of the Ground Investigation Specification [31].

The results of the geotechnical laboratory testing can be found within the final Factual Report [32] and discussed Section 5.



# **5. Ground Summary**

# 5.1 General

A series of geotechnical plans and long section drawings are included in Appendix A showing the ground conditions observed throughout the site. The long sections include inferred strata boundaries for the base of the drift soils (top of weathered grade IV mudstone) and for engineering rockhead (top of grade I/II mudstone). Strata boundaries are not provided between cohesive alluvium and granular River Terrace soil as there may be bands or pockets that cannot be identified; however, the yellow and brown shading indicates a general pattern of cohesive alluvium (which can be locally absent) above granular drift soils throughout the flood plain.

Details of groundwater are provided in Section 3.14. The groundwater on this project is always in continuity with the River Trent, therefore design groundwater level is generally equal to flood level, although consideration will also be given to onerous groundwater pressures during rapid draw down conditions.

An overview of the conditions observed throughout the site is detailed below; Superficial Deposits

- Topsoil; present on the surface of the existing A46 embankment slopes and across the natural landscape at the toe of embankments consisting of brown to dark brown gravelly clayey sand.
- Made Ground / Fill; mostly consisting of existing A46 embankment make up including 6C granular starter layers with Class 6B fill at toe for scour resistance, Class 1A embankment fill, Class 2B seepage cut off and Class 2E PFA fill.
- Cohesive Alluvium; encountered throughout the site and generally has a firm
  crust where desiccation has caused consolidation for up to 1m depth with soft clay
  and silt below.
- **Granular Alluvium**; encountered throughout the site, consisting of sand and gravel with gravel being generally sub angular to sub rounded.

#### Solid Geology

 Mercia Mudstone; underlying the superficial deposits, recorded as stiff clay weathered mudstone overlying very weak to medium strong mudstone.

The thickness of weathered Mercia Mudstone varies considerably from being absent i.e. fresh rock immediately below drift soil, to being present as stiff clay at depths up to 20m. The spatial and vertical variability of grade of weathering is a characteristic typical of Mercia Mudstone, as shown in the following image from the recent HS2 Works at Kenilworth.



Figure 7: Exposure of mixed grade IV/III weathered and I/II fresh Mercia Mudstone at Kenilworth, 2023



The following sections will provide a review of the ground conditions at each structure.

# 5.2 Geological Sections

A graphical representation of the geology encountered along the route is included in Appendix A on Figures 1-12. These sections also include any engineered solutions along the route installed as part of the original carriageway construction, including starter layers and shear keys.

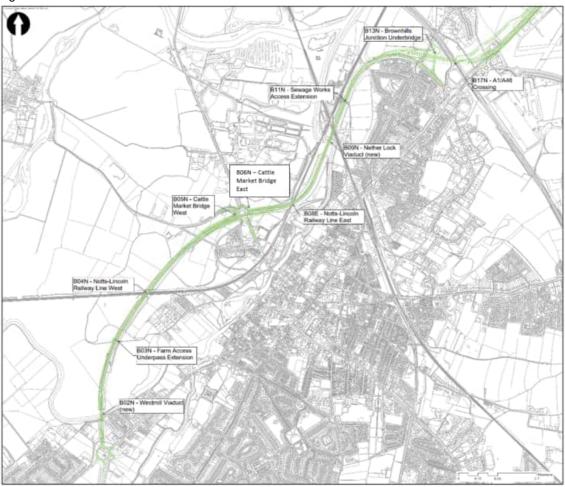
# 5.3 Structures

Throughout the site there are 10. no structures which will be constructed/upgraded as part of the scheme. The proposed structures are included in Figure 8 with the following sections indicating the ground models which have been used for input into the Structures Single Option Selection reports. The ground models have been derived based on both the historical and 2023 ground investigation showing conservative strata levels and anticipated thickness'. The exploratory holes used to derive the strata elevations are shown in the various plans. A detailed ground section plot for each structure will be provided in each AIP. Further explanation for the ground model selection for each structure will be provided in the AIP and GDR.

The proposed design considerations for these structures are included within Section 6.



Figure 8: Structures Location Plan

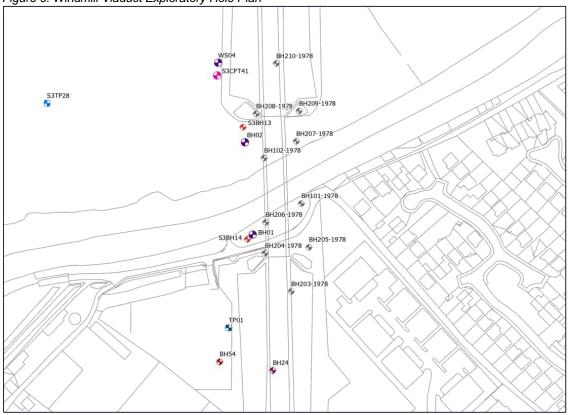


# 5.3.1 B02N - Windmill Viaduct (new)

Figure 10 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.







**Table 3: Windmill Viaduct North Abutment Ground Model** 

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Cohesive Alluvium	Soft to firm slightly sandy CLAY	10.00	2.00
Sand & Gravel	Medium dense to dense SAND and GRAVEL	8.00	3.50
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	4.50	18.50
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-14.00	Base not proven

**Table 4: Windmill Viaduct South Abutment Ground Model** 

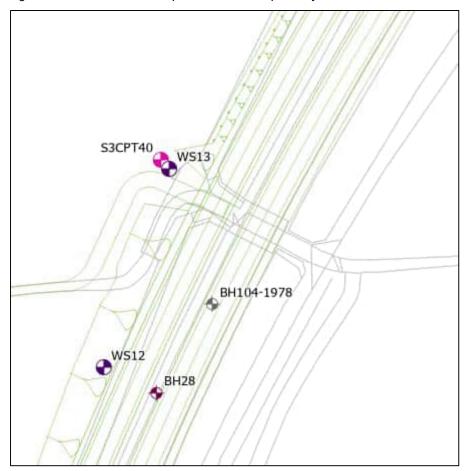
Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 1A Fill)	Slightly clayey, slightly silty, sandy GRAVEL	13.70	3.20
Sand & Gravel	Medium dense to dense SAND and GRAVEL	10.50	4.00
Cohesive Alluvium	Firm slightly sandy CLAY	6.50	14.00
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	-7.50	7.50
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-15.00	Base not proven



# 5.3.2 B03N - Farm Access Underpass Extension

Figure 10 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.

Figure 10: Farm Access Underpass Extension Exploratory Hole Plan



**Table 5: Farm Access Underpass Extension** 

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 1A Fill)	Slightly clayey, slightly silty, sandy GRAVEL	14.80	5.00
Cohesive Alluvium	Soft and firm alluvial CLAY	9.80	2.60
Sand & Gravel	Medium dense to dense SAND and GRAVEL	7.20	1.20
III/IV Weathered Mudstone	Very stiff sandy silty CLAY	6.00	11.00
I/II Fresh Mudstone	Very weak to strong MUDSTONE	-5.00	Base not proven



# 5.3.3 B04N - Notts-Lincoln Railway Line West

Figure 11 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.



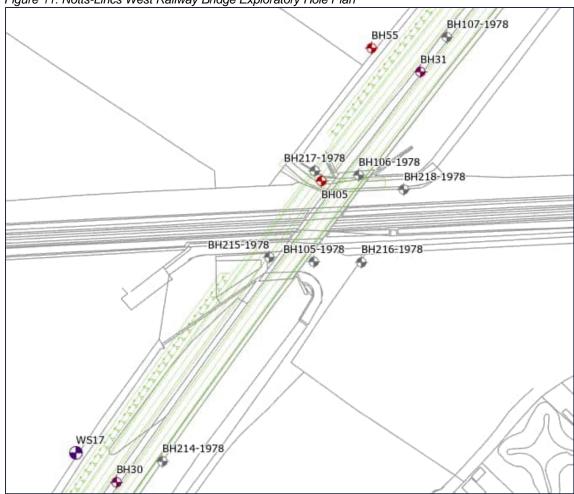


Table 6: Notts-Lincs West Railway Bridge South Abutment Ground Model

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 1A Fill)	Slightly clayey, slightly silty, sandy GRAVEL	11.50	1.50
Cohesive Alluvium	Soft and firm alluvial CLAY	10.00	2.20
Sand & Gravel	Medium dense to dense SAND and GRAVEL	7.80	3.30
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	4.50	6.50
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-2.00	Base not proven



Table 7: Notts-Lincs West Railway Bridge North Abutment Ground Model

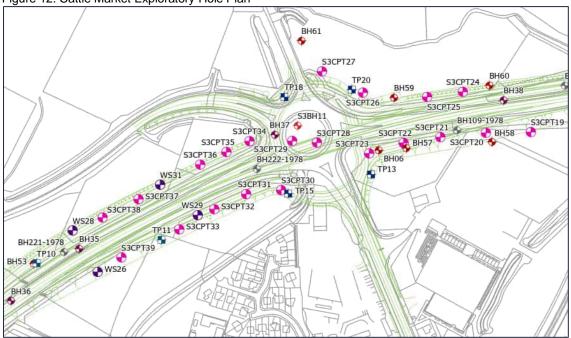
Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 1A/6C Fill)	Slightly clayey, slightly silty, sandy GRAVEL	11.50	3.50*
6C Fill	Gravel and 60-80mm cobbles of chert, slag and concrete	8.00	2.00*
Sand & Gravel	Medium dense to dense SAND and GRAVEL	6.00	4.00
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	2.00	8.60
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-4.60	Base not proven

<sup>\*</sup>The GFR Fig 7 shows full replacement of soft alluvial clay under the footprint of the existing embankment for 58m beyond north abutment and Tetra Tech BH05. New embankment is built on the footprint of the existing

# 5.3.4 B05N Cattle Market Bridge West & B06N East

Figure 12 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.





**Table 8: Cattle Market Bridge Ground Model** 

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 1A Fill)	Slightly clayey, slightly silty, sandy GRAVEL	13.00	3.00
Cohesive Alluvium	Soft to firm slightly sandy CLAY	10.00	2.00
Sand & Gravel	Medium dense to dense SAND and GRAVEL	8.00	7.00
III/IV Weathered Mudstone	Stiff sandy silty CLAY (fully weathered Mudstone)	1.00	1.00
I/II Fresh Mudstone	Very weak to medium strong MUDSTONE	0.00	Base not proven



# 5.3.5 B08E - Notts-Lincoln Railway Line East

Figure 13 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.



It is noted that a significant quantity of soft ground was excavated and replaced by granular fill beneath the footprint of the existing embankment and anchor ties remain buried behind the east abutment and toe of northeast batter.



Figure 14: Extract from 2021 PSSR Appendix B showing the location of buried obstructions Ch.3100-3200

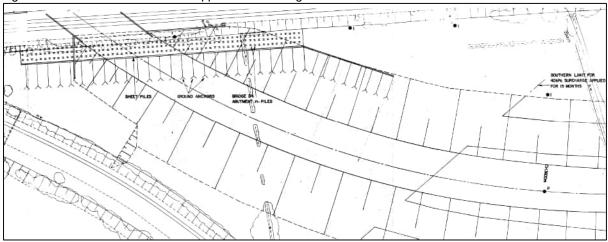


Table 9: Notts-Lincs East Railway Bridge West Abutment Ground Model

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 6N Fill)	Slightly clayey, slightly silty, sandy GRAVEL	9.00	1.00
Sand & Gravel	Medium dense to dense SAND and GRAVEL	8.00	5.00
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	3.00	2.50
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	0.50	Base not proven

**Table 10: Notts-Lincs East Railway Bridge East Abutment Ground Model** 

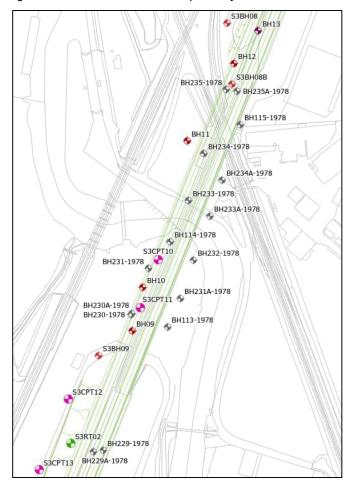
Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 6N Fill)	Slightly clayey, slightly silty, sandy GRAVEL	9.50	5.50
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	4.00	5.00
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-1.00	Base not proven



# 5.3.6 B09N – Nether Lock Viaduct (new)

Figure 15 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.

Figure 15: Nether Lock Viaduct Exploratory Hole Plan



**Table 11: Nether Lock Viaduct Ground Model** 

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 2E Fill) <sup>1</sup>	Very dense grey SILT (PFA)	17.80	7.80
Alluvial Clay / Granular Shear Key (Class 1A Fill) <sup>2</sup>	Soft to firm slightly sandy CLAY / Slightly clayey, slightly silty, sandy GRAVEL	10.00	3.00
Sand & Gravel	Medium dense to dense SAND and GRAVEL	7.00	2.50
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	4.50	4.50
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	0.00	Base not proven

<sup>1.</sup> South Abutment only

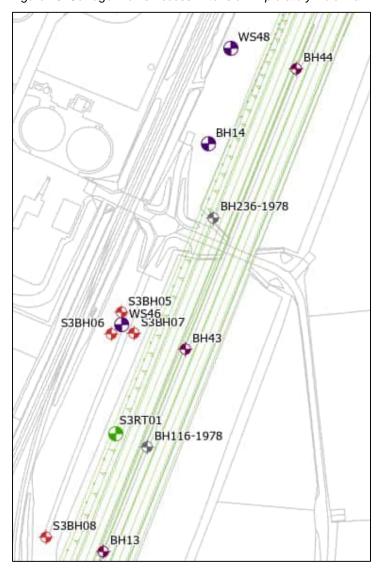
# 5.3.7 B11N – Sewage Works Access Extension

 <sup>15</sup>m wide granular shear keys exist from 10m inside of toe to existing batter where alluvial clay has been replaced by granular fill



Figure 16 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.

Figure 16: Sewage Works Access Extension Exploratory Hole Plan



**Table 12: Sewage Works Access Extension Ground Model** 

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Embankment Fill (Class 2E Fill) <sup>1</sup>	Very dense grey SILT (PFA)	18.00	8.50
Alluvial Clay / Granular Shear Key (Class 1A Fill) <sup>2</sup>	Soft to firm slightly sandy CLAY / Slightly clayey, slightly silty, sandy GRAVEL	9.50	2.00
Sand & Gravel	Medium dense to dense SAND and GRAVEL	7.50	3.00
III/IV Weathered Mudstone	Firm to stiff sandy silty CLAY	4.50	5.00
I/II Fresh Mudstone	Very weak to medium strong MUDSTONE	-0.50	Base not proven



Figure 17 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.

Figure 17: Brownhill's Junction Underbridge Exploratory Hole Plan

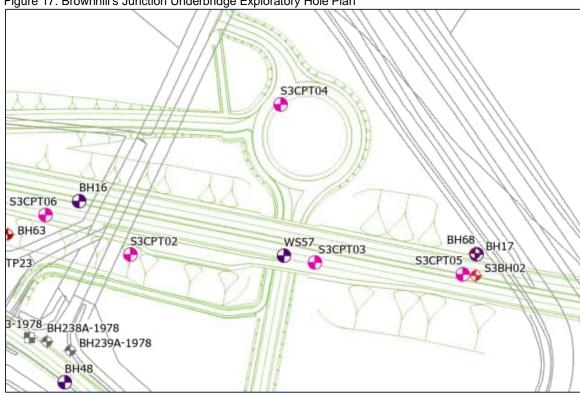


Table 13: Brownhill's Junction Under Bridge Ground Model

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Sand & Gravel	Medium dense to dense SAND and GRAVEL	10.00	6.00
III/IV Weathered Mudstone	Firm to v stiff sandy silty CLAY	4.00	8.00
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-4.00	Base not proven

# 5.3.9 B17N - A1/A46 Crossing

Figure 18 shows the exploratory holes located adjacent to the structure which will be used to inform the ground model and geotechnical design.



Figure 18: A1/A46 Crossing Exploratory Hole Plan

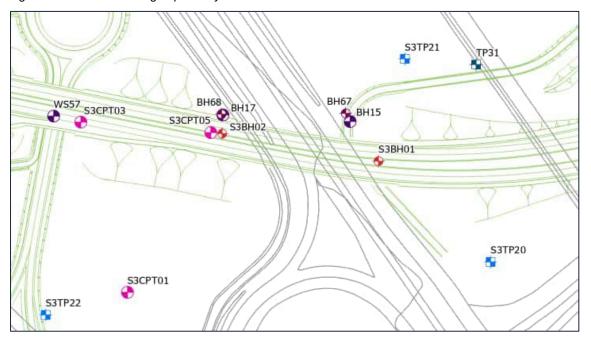


Table 14: A1/A46 Crossing Ground Model

Stratum	Typical Material Description	Level of top of stratum (mAOD)	Typical thickness (m)
Sand & Gravel	Medium dense to dense SAND and GRAVEL	10.00	3.00
III/IV Weathered Mudstone	Firm to stiff sandy silty CLAY	7.00	14.00
I/II Fresh Mudstone	Extremely weak to medium strong MUDSTONE	-7.00	Base not proven

# 5.4 Earthworks

Full details of parameter plots for each geological unit are shown in Appendix D.

#### 5.4.1 Existing Earthworks

# 5.4.1.1 Class 1A Fill (D8 Fill in 1991 GFR)

Class 1A fill has been used for shear keys of 5m width to the full depth of alluvial clay (up to 3m) at various locations between Windmill Viaduct and the central Railway Bridge and for shear keys of 15m width along the Nether Lock embankments. The GFR [11] indicates shear keys are present below the toe of batter, or 10m from the toe of batter at the locations shown in Table 15.

D8 Fill is a term used for Class 1A sand and gravel Fill in the existing A46 Newark Bypass, won from the British Sugar and Trent Dyke borrow pits.

# 5.4.1.2 Class 2E PFA Fill

Embankments between Ch 2956 – 4381 consisted of Class 2E PFA fill.

#### 5.4.1.3 Condition of Existing Earthworks

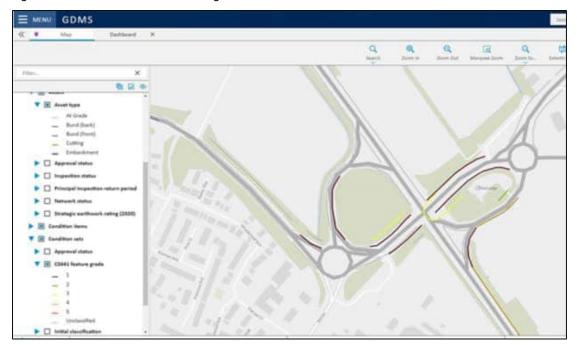
The condition of the existing earthworks is considered to be good following review of documents listed Table 2, visual inspections as detailed in Section 4.1, and consultation with Area 7.



A review of the existing principal earthwork inspections in HAGDMS has shown that no defect observations are recorded on the site. The site walkover undertaken by Atkins in January 2021 confirmed that earthworks are in "good condition with the exception of occasional burrowing."

The minor defects on the existing earth structures identified by Area 7 comprise a toe scar, bulging and rabbit burrows (Class 1D Features in Grade 3 defect condition) within the existing Brownhills / A1 Junction Area as illustrated in below.

Figure 19: Extract from GDMS showing location of Grade 3 earthwork defects within the scheme extents



The proposed A46 improvements do not require earthworks at these locations and therefore no consideration of remediating these defects is provided in this report.

Table 15: Key Features of existing earthworks							
Old Chainage	Project Chainage	Approximate Fill Height (m)	Side Slope	Embankment Fill & Cross Section from GFR [11]	Geotechnical Measures	Existing Structures	Ref source
319 – 360	0 – 41		1V:2H	Suitable Fill Section A-A			GFR Fig 6
360 – 375	41 – 56	3.0 - 7.5	Varies	Granular Fill D8	Low permeability separator fabric (Stabilenka		GFR Fig 6
375 – 400	56 – 81	0.0 7.0	Variou	Section B-B	400) used at embankment base.		GFR Fig 6
400 – 560	81 – 241		1V:2.5H				GFR Fig 6
560 - 656	241 – 337					Bridge B1 - Windmill Viaduct	GFR Fig 6
656 – 820	337 – 501	5.4 – 7.0	1V:2.5H		Alluvial clay removed and replaced by granular fill D1 and impermeable membrane.		GFR Fig 6
820 – 920	501 – 601	5.4 - 3.5	Varies	Granular Fill D8			GFR Fig 6
920 - 1200	601 – 881	3.5 - 3.6	- 41/011	Section C-C			GFR Fig 6
1200 – 1250	881 – 931	3.6 – 4.4	1V:2H				GFR App E & Fig 7
1250 – 1297	931 – 978	4.4 – 5.5	Varies		Shear Key		GFR App E & Fig 7
1297 – 1305	978 – 986				(5m wide)	Bridge B2 – Farm Access Underbridge	GFR App E & Fig 7
1305 – 1400	986 – 1081	5.5 – 7.2	1V:2.5H			Old Trent Dyke	GFR App E & Fig 7
1400 - 1685	1081 – 1366	7.2 – 8.3		Granular Fill D8 Section C-C			GFR Fig 7
1685 - 1773	1366 – 1454	8.3 – 8.5					GFR Fig 7
1773 – 1842	1454 – 1523				Alluvial clay removed and replaced by granular fill D1 and impermeable membrane  Bridge B3 – Notts – Lincs West		GFR Fig 7
1842 - 1915	1523 – 1596	8.5 – 8.5	1V:2.5H				GFR Fig 7



1915 – 2180	1596 – 1861	8.5 – 7.4		5m wide shear key			GFR App E & Fig 7
2180 -2250	1861 – 1931	7.4 – 5.14					GFR App E & Fig 7
2250 – 2300	1931 – 1981	5.14 – 4.4	Varies				GFR App E & Fig 7
2300 - 2400	1981 – 2081	4.4 – 4.1		Granular Fill D8 Section C-C			GFR App E & Fig 7
2400 – 2950	2081 – 2631	4.1 – 1.8	1V:2H		Embankment suffered 25mm lateral movement and 40mm related settlement at Ch.2260 due to absence of shear key.		GFR App E & Fig 8
2950 - 3130	2631 – 2811	1.8 – 3.3					GFR Fig 8
3130 – 3175	2811 – 2856	3.3 – 5.0		Granular Fill D8 Flood			GFR Fig 8
3175 - 3200	2856 – 2881	5.0 – 5.0	Varies	bank Section D-D	Alluvial clay removed and replaced by granular fill D1 and impermeable membrane.		GFR Fig 8
3200 – 3275	2881 – 2956	5.0 – 7.7	1V:2.5H				GFR Fig 8
3275 – 3370	2956 – 3051	7.7 – 6.9	17.2.011	PFA Fill Section D-D	-		GFR Fig 8
3370 – 3400	3051 – 3081	6.9 – 7.9				Bridge B4 – Notts – Lincs West	GFR Fig 8
3400 – 3550	3081 – 3231	7.9 – 12.4	1V:2.5H	PFA Fill Section E-E	Alluvial clay removed and replaced by granular fill D1 and impermeable membrane.		GFR Fig 8
3550 – 3850	3231 – 3531	12.4 – 13.3	= 1 v .Z.J11	TIAT III OGOLIOITE-E	15m shear keys		GFR Fig 9
3850 – 3925	3531 – 3606	13.3 – 13.8			Alluvial clay removed and replaced by granular fill D1 and impermeable membrane.		GFR Fig 9
3925 – 4175	3606 – 3856					Bridge B5 – Netherlock Viaduct	GFR Fig 9



4175 – 4235	3856 - 3916	11.0 – 11.0				Piled Structure (wall)	GFR Fig 9
4235 – 4300	3916 - 3981	11.0 – 8.6	1V:2.5H	PFA Fill Section E-E	Alluvial clay removed and replaced by granular fill D1 and impermeable membrane.		GFR Fig 9
4300 – 4425	3981 - 4106	8.6 – 7.3	_				GFR Fig 9
4425 – 4436	4106 – 4117					Bridge B6 – Sewage Works	GFR Fig 9
4436 - 4600	4117 – 4281	7.2 – 6.0	1V:2.5H				GFR Fig 9
4600 – 4700	4281 - 4381	6.0 – 4.6	Varies	PFA Fill Section F-F	Geogrid on existing ground (Paragrid 1005/225)		GFR Fig 10
4700 – 4750	4381 – 4431	4.6 – 3.2	1V:6H		Coogna on exioting ground (1 dragna 1000/220)		GFR Fig 10
4750 - 4850	4431 – 4531	3.2 – Cut (1m)		Granular Fill D8 Section F-F			GFR Fig 10
4850 – 5120	4531 – 4801	Cut	1V:2H	Cutting Section G-G	Earth Noise Bund		GFR Fig 10
5120 - 5300	4801 – 4981	0 – 0.5		Suitable Fill Section H-H			GFR Fig 10
5300 – 5310	4981 – 4991	0 – 2.0				B16 – Subway	GFR Fig 10
5310 - 5580	4991 – 5261			Suitable Fill Section H-H	Earth Noise Bund		GFR Fig 10
5580 - 5700	5261 – 5731	2.0 – 3.0	1V:2H	Canadie i ii Geoloi I I I I			GFR Fig 10
6050 – 6319	5731 – 6000	2.0 - 0		Suitable Fill Section J-J			GFR Fig 11

#### 5.4.2 Borrow Pit

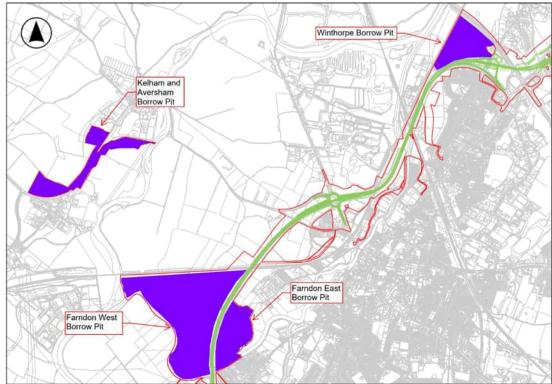
Four locations are proposed to be used as borrow pits to provide site-won material for construction of the proposed scheme. These are shown on Figure 20.

The acceptability of the material will be a function of the moisture content at the time of compaction relative to the optimum moisture content derived from laboratory compaction testing.

It is likely that granular soils (1A and 1B gradings) will be suitable for reuse with minimal processing costs, whereas soils with more than 14% fines within the flood plain will not be.

The exploratory holes in the Kelham area S3WS04-06 describe the presence of sand and gravel from existing ground level to 5m depth. Locally there is a cohesive cover up to 0.2m depth. No grading tests have been carried out for material in the Kelham and Amersham Borrow Pit area.

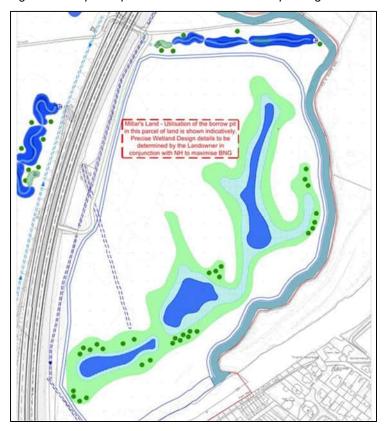
Figure 20: Proposed Borrow Pit Locations



Further development of the flood modelling and drainage design has resulted in a proposal to carry out shallow excavations in the Farndon West area to provide a 1:1000 fall from north to south. More significant excavations are proposed in Farndon East as illustrated below in Figure 21.



Figure 21: Proposed ponds after excavation and reprofiling of Farndon East Borrow Pit



A summary of the classification results conducted in the borrow pit locations is provided below. The exploratory hole locations can be found in Appendix A.

Table 16: PSD Testing					
Location	Depth (mbgl)	Percentage Fines (%)	Percentage >125mm (%)	SHW Class	
	Winth	orpe Borrow Pit			
S3TP24 (Brownhill)	1.0	11	0	1B	
S3TP24 (Brownhill)	2.0	47	0	2A/B	
S3TP25 (Brownhill)	1.0	97	0	2A/B	
S3TP25 (Brownhill)	2.0	11	0	1A	
S3TP26 (Brownhill)	2.0	57	0	2A/B	
S3TP26 (Brownhill)	3.0	3	0	1A	
CPWS07 (Brownhill)	1.2	2	0	1A	
CPWS07 (Brownhill)	2.0	2	0	1A	
	Farndo	n West Borrow Pit			
S3TP06 (Windmill W)	1.0	36	0	2A/2B	
S3TP06 (Windmill W)	1.6	15	0	2A/B	
S3TP07 (Windmill W)	1.0	39	0	2A/B	
S3TP07 (Windmill W)	1.7	36	0	2A/B	
S3TP08 (Windmill W)	1.0	15	0	2A/B	
S3TP08 (Windmill W)	1.8	3	0	1A	

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S3TP10 (Windmill W)	1.0	55	0	2A/B
S3TP10 (Windmill W)	2.0	7	0	1A
S3TP12 (Windmill W)	1.0	52	0	2A/B
S3TP27 (Windmill W)	1.0	54	0	2A/B
S3TP27 (Windmill W)	2.8	1	0	1A
S3WS01 (Windmill W)	2.0	2	0	1B
	F	arndon East Borrow P	it	
S3TP29 (Windmill E)	1.0	11	0	1B
S3TP30 (Windmill E)	1.0	13	0	1B
S3TP31 (Windmill E)	1.0	20	0	2A/B
S3TP32 (Windmill E)	1.0	5	0	1A
S3TP33 (Windmill E)	1.0	30	0	2A/B
S3TP34 (Windmill E)	1.0	4	0	1A

The aspiration of the trial pit investigations was to confirm the presence of granular fill where borrow pits can be used to provide site won fills without the need for road haulage and rapid moisture content reduction by means of aeration, which was successfully implemented during the original A46 works in 1990.

Unfortunately, the proposed Farndon West Borrow Pit between Ch.300 and 1000 has revealed a high proportion of cohesive soils, which despite being the grading of Class 2A/B material is likely to be Class U1A due to high natural moisture content and organic content.

To the west of the A46 only 4 out of 12 PSD result indicate the presence of Class 1 material and separation of acceptable from unacceptable material may be difficult and result the volume of soil excavated being 3 to 5 times the volume of soil actually used as Class 1 general fill.

The results for the proposed Farndon East Borrow Pit between Ch.400 and 900 are more favourable with 4 out of 6 results indicating Class 1 material and Class 2 gradings being confined to the upper 1m which could be removed during a locally deepened topsoil strip.

If the volume of material generated from the smaller eastern area is insufficient, then additional trial pits are recommended to the north and west of S3WS01 to investigate the potential of better-quality soils being won with an extended haul route to site.

In the Brownhills, A1 and Winthorpe areas, gradings indicate an even distribution of fill classifications with 6 out of 14 results indicating granular Class 1 soils and 8 Class 2. In these locations it is expected that most cohesive soil will be suitable for Class 2 (or Class 4 landscape) fills due to lower natural moisture content and low organic content. As this area is outside the flood plain the influence of water will be relatively easy to control and separation between cohesive and granular fills should be possible.

Subject to detailed design and further material acceptance testing, it may be possible to use Class 2 fills for the northern embankments with 1V:2.5H slopes; however, it may be necessary to restrict the Class 2 materials to the core of these embankments and the landscape bunds. Slope analysis will be carried out in the next design stage to confirm this.



# 5.5 Ground Conditions and Material Properties - General

The results of the in situ and laboratory testing carried out for the individual materials encountered across the scheme are summarised in this section. The data presented is set to the requirements of BS EN 1997-1 [36], BS EN 1997-2 [37] and Appendix F of CD 622 "Managing Geotechnical Risk" [38].

The results quoted in the following sections have been determined directly from in-situ and laboratory tests or derived using established geotechnical correlations.

Based on the variation of these results, the characteristic parameters for each of the strata, have been determined using a combination of statistics and engineering assessment.

Due to the relatively large coverage area of the project, it is anticipated that variations in terms of ground and groundwater conditions may exist along the length of the proposed scheme. Therefore, design should be based on a geotechnical assessment of the ground conditions surrounding the asset for more representative parameters for design.

# 5.5.1 Topsoil

Topsoil is present on the surface of the existing A46 embankment slopes and across the natural landscape at the toe of embankments. The GFR [11] indicates topsoil depths on existing embankment slopes are 125mm for grassed areas and 300mm for planting zones.

Exploratory holes through natural ground generally encountered topsoil of thickness 300 to 500mm with a description of gravelly silty sand.

#### 5.5.1.1 Classification Testing

#### Water Content

Three water content determinations on Topsoil samples gave results of between 21% and 25% with an average of 23%.

# 5.5.2 Made Ground / Fill

The majority of the anthropogenic soil on the scheme is the existing A46 embankments which will require benches to be cut into them prior to fill operations for online widening and ancillary highway works such as drainage trenches, ducts and new central reserve barriers.

The 1991 Geotechnical Feedback Report and the 2022 and 2023 Ground Investigation Reports provide a comprehensive account of the nature and extent of the different fill materials as summarised below.

# 5.5.2.1 Gravel Starter Layer

Selectively excavated gravels from borrow pits were used as basal drainage starter layers, with minor variations from the SHW Class 6C specification. The gravels were <75mm in size with maximum 4% fines and laboratory testing indicated horizontal permeability of 2x10<sup>-3</sup> to 5x10<sup>-2</sup> m/s.

#### 5.5.2.2 Class 6B Rock Amour

300mm down crushed Lincolnshire Limestone from Greetwell, Leadman and Brauncewell quarries and crushed concrete from RAF Fullbeck were imported for use as scour resistant starter layers at the toe of new embankment.

# 5.5.2.3 Class 1A General Fill (1991 Class D8)

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Locally won sand and gravel was sourced from the British Sugar and Trent Dyke borrow pits and used for general embankment fill from Farndon Roundabout to a location approximately 100m south of the central rail bridge (new project Ch.2790).

# **5.5.2.3.1** Density Testing

# **Bulk Density**

The bulk density of the Class 1A fill is assumed to be 20kN/m<sup>3</sup> for dense well graded sandy gravel as per BS 8002:2015.

# 5.5.2.3.2 Classification Testing

Particle Size Distribution (PSD)

PSD's are expected to be in accordance with the SHW series 600.

# 5.5.2.3.3 Strength Testing

# Standard Penetration Test (SPT)

Sixty-nine SPTs were carried out within the Class 1A fill. The  $N_{60}$  values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor.  $N_{60}$  values shown below have been limited to 50 for conservative parameter derivation.

SPT  $N_{60}$  values range between 12 - 50 with an average of 45.

SPT N<sub>1,60</sub> values range between 13 – 85 with an average of 68.

A plot of the SPT N values against level is shown in Appendix D, D.1.2.

Appendix D, D.1.2 shows  $N_{60}$  extrapolated values to assist with construction, however D.1.3 contains a plot of the limited SPT  $N_{60}$  values against level which have been used for parameter derivation where some caution is required to comply with the EC7 guidance of characteristic values.

#### Effective stress parameters

Effective stress parameters for the stratum have been determined using the relationship given in BS8002 [39]:

The angle of shearing resistance,  $\phi_{cv}' = 30^{\circ} + \phi'_{ang} + \phi'_{PSD}$ .

Class 1A Fill has been described as angular to sub-rounded, which correlates to an  $\phi'_{ang} = 2^{\circ}$ . The uniformity coefficient is determined by the soil grading from the PSD tests and has been determined to be medium graded, which equates to  $\phi'_{PSD} = 4^{\circ}$ . This suggests that the constant volume angle of shearing resistance,  $\phi_{cv}$ , for the Class 1A fill is 36°.

Based on the Peck et al correlation (1967) [40] correlating the relationship between SPT N values and angle of shearing resistance this indicates a peak angle of shearing resistance between 31 – 44° with an average value of 42°.

A plot of SPT correlated values against level is shown in Appendix D, D.1.3.

# 5.5.2.3.4 Stiffness

# Drained Young's modulus (E')

The large strain drained stiffness (E') of the Class 1A fill has been estimated from the SPT N based on the empirical correlation included within Bowles Foundation Analysis and Design 5<sup>th</sup> Ed [40] Table 5.6 for medium dense and dense gravelly sand resulting in an average value of 31MN/m<sup>2</sup>. Further information is provided in section 5.6.4



regarding direct measurement of small strain stiffness and the relation between stiffness and strain levels.

# 5.5.2.4 Class 2B Local Marl Fill (1991 Class D6)

Flood embankments and basal shear keys seepage for cut-off were constructed at Farndon and Kelham Road with low permeability general fill from the British Gypsum Quarry in Balderton.

This fill was not identified clearly through the investigations.

#### 5.5.2.5 Class 2E PFA Fill

The central part of the scheme (new project Ch.2790 to 4435) has high embankments where the A46 approaches the Notts-Lincs East Railway Bridge, Neither Lock Viaduct and the WWTW access bridge. These embankments were constructed with Class 2E Pulverized Fuel Ash from West Burton Power Station. Limestone fines from crushing operations were included to enable root growth in landscape areas on PFA fill.

# 5.5.2.5.1 Classification Testing

# Water Content

Moisture content testing conducted through the PFA fill indicates a moisture content between 12-23% with an average value of 18%.

Appendix D, D.2.1 contains a plot of the moisture content values against level.

# **Bulk Weight**

The GFR [11] section 7.29 indicates that the mean dry compacted density was 1470kg/m³ and mean moisture content during compaction was 17.4%, (which is verified by determinations of moisture content during the 2021 GI) hence the bulk until weight is approximately 16kN/m³.

# Particle Size Distribution (PSD)

There is only one PSD test which has been completed in this material as part of the 2021 GI. The curve shows that the PFA fill has 84% fines (passing 0.063mm).

#### **Plasticity Tests**

Seven plasticity tests were conducted in the PFA, all of which confirming that the PFA is non-plastic.

#### 5.5.2.5.2 Strength Testing

# Standard Penetration Test (SPT)

Twenty SPTs were carried out within the Class 2E fill on the verge of the existing A46 during 2021. The  $N_{60}$  values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor.

The values may be indicative of significant self-cementation, although this will be confirmed during pre-earthwork trial pits to inform the temporary works design.

A plot of the SPT N values against depth is shown in Appendix D, D.2.2. A summary of SPT N values in PFA fill is shown below:

Table 17: Summary of	SPT test data in	n PFA embankment
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Location	Chainage	Depth (mberl)*	SPT
BH38-2021	2875	2.0	50 for 150mm
BH38-2021	2875	4.0	50 for 150mm

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BH08-2021	3135	2.0	N 31, N <sub>60</sub> 39, N <sub>1,60</sub> 61
BH08-2021	3135	4.0	50 for 75mm
BH08-2021	3135	6.0	50 for 40mm
BH42-2021	3475	2.0	50 for 105mm
BH42-2021	3475	4.0	50 for 105mm
BH42-2021	3475	6.0	52 for 150mm
BH42-2021	3475	8.0	50 for 95mm
BH13-2021	3950	2.0	50 for 257mm
BH13-2021	3950	4.0	50 for 70mm
BH13-2021	3950	6.0	50 for 70mm
BH13-2021	3950	8.0	50 for 150mm
BH43-2021	4050	2.0	50 for 135mm
BH43-2021	4050	4.0	50 for 105mm
BH43-2021	4050	6.0	26 for 150mm
BH44-2021	4220	2.0	50 for 105mm
BH44-2021	4220	4.0	50 for 115mm
BH45-2021	4320	1.2	50 for 70mm
BH45-2021	4320	2.0	50 for 75mm

<sup>\*</sup>metres below existing road level

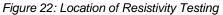
# 5.5.2.5.3 Geophysical Testing

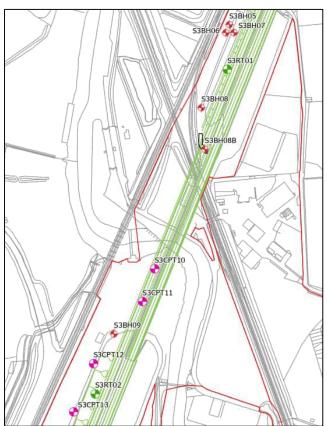
# Soil Resistivity Testing

The soil resistivity testing survey report is included within the factual report in Appendix C. The soil resistivity testing survey was carried out at two locations (S3RT01, 02 in green) along the embankment as shown in Figure 22.

The overall range of apparent resistivity values is consistent with the anticipated geology. With a range of 56 to 154 ohm.m, the characteristic value (<100 ohm.m) will be in the most onerous category of corrosivity. However, the range of apparent resistivity values for the northern test location is marginally higher than the southern test positions indicating potential for some lateral variation in ground conditions.







Based on resistivity testing and chemical analysis the aggressivity of the PFA can be calculated to determine the corrosivity classification of the surrounding soil. Based on Table 8.5 from CD 375 Rev 1 [41], corrosivity classification is determined based on the soil type, resistivity, pH, water soluble sulphates, chloride ions and Oxidisable sulphides. No testing of the oxidizable sulphides were included as part of the stage 3 ground investigation as PFA was not observed in any of the boreholes. The corrosivity classification for this material is rated as -6 before incorporating the oxidizable sulphides which would only have potential to reduce the rating, therefore the environment can be described as very aggressive. This should be considered during detailed design of permanent buried steel to ensure design is adjusted to account for potentially high corrosion.

# Seismic Testing

Seismic CPT investigation has been carried out at 4 locations, but early refusal at depth less than 1.5m occurred at two of these locations despite several attempts to penetrate the existing fill. This data is in the Strata Survey factual GIR and indicates small strain stiffness ( $G_{\circ}$ ) for the granular soils to be 50 to 150 MPa for locations SCPT05A (A1 bridge south abutment) and SCPT41A (Windmill Viaduct East abutment).

Assuming a Poisson's Ratio of 0.25 for granular soils,  $E_o$ ' will be 125 MPa for a lower bound  $G_o$  of 50MPa. This indicates that E' in the strain range for small pile groups will be approximately 50 to 60 MPa after MOGE Figure 55.28 [45] and empirical correlations e.g. Bowles [42] where E' = 31MPa (where E=1200(N+6) for gravelly sand) is derived is only applicable for large strains, for example settlement under large new embankments.

Proposed stiffness parameters are summarised in Table 24.



#### 5.5.2.6 Class 6G Gabion Mattress Fill

GFR [11] Figure 4 shows the presence of a gabion mattress scour protection between the spread footing 'L' wall of the western Nottingham to Lincoln railway bridge to the southern bridge pier.

GFR [11] Figure 5 shows the presence of a 300mm thick gabion mattress on the Farndon flood bank. [12]

# 5.5.2.7 Class 6F Capping

The pavement construction was founded on a 350mm thick layer of Class 6F fill.

# 5.5.3 Geosynthetics

GFR [11] Figures 6 to 10 show a widespread use of Stabelenka 400 as a combined tensile reinforcement and separator between topsoil and the overlying embankment fill. Another geotextile (Terram 1000) separated general fill from the basal drainage starter layer.

GFR [11] Figure 4 shows the presence of an impermeable membrane (Carbofol CHD 25 with PP5 fleece) beneath the starter layer to the Lincoln railway bridge approach embankment and beneath the gabion mattress. This should have prevented stone from punching into the underlying alluvial soil. GFR [11] Figure 6-7 also shows that an impermeable membrane was used for a 150m length north of the Windmill Viaduct where the cohesive alluvium was removed and replaced with granular fill, for approximately 100m either side of the western rail bridge and for approximately 200m either side of the central rail bridge.

GFR [11] Figure 4 also shows a geotextile separator above the starter layer which reduces mixing of fines from the general fill placed above.

A basal geogrid (Paragrid 100S/255) was used under the base of the PFA embankment over particularly soft ground for a 250m length between the WWTW access bridge and Brownhill's.

#### 5.5.4 Cohesive Alluvium

Cohesive alluvium has been encountered in exploratory holes from Ch.0400 (BH02) to Ch.4250 (BH47). The depth of cohesive alluvium varies from being absent locally to a maximum 4.9m (BH227 1978) at the northeast abutment of the central railway bridge. The presence of such a deep cohesive alluvium deposit is considered to be exceptional for the scheme, as the next most significant depth of compressible alluvium is to 3.6m depth in WS04 at Ch.0400 and other locations of deep soft ground are between the western rail bridge and Cattle Market Junction for example 2.8m depth in BH33, 2.7m in WS23 and 2.6m in TP10 (2021). It has been encountered as soft and firm gravelly sandy clay and locally as soft silt.

Where the alluvium has been surcharged from embankment loading over the past 30 years, consolidation has generally resulted in a minimum strength gain from soft to firm (Cu 40-75kPa) consistency. Beyond the footprint of the existing A46 embankments the alluvium generally has a firm crust where desiccation has caused consolidation for up to 1m depth with soft clay and silt, and occasionally very soft clay, below.

#### 5.5.4.1 Index Tests

# Water Content

One-hundred moisture content tests were conducted through the cohesive alluvium as part of moisture content tests, shear box tests and triaxial tests indicating a moisture content between 3-67% with an average value of 28%.

Appendix D, D.3.1 contains a plot of the moisture content values against level.

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# Dry and Bulk Density

Density testing was completed as part of the shear box testing, compaction testing, consolidation testing and triaxial tests. Nineteen tests were completed in this stratum or on recompacted material from this stratum, with an average bulk density of 1.92Mg/m³. The oedometer and triaxial test results contain bulk density of 'undisturbed' samples from which these are three results giving the range of bulk density 1.51 to 1.96Mg/m³ with an average of 1.79Mg/m³.

Appendix D, D.3.2 contains a plot of the density values against level.

# Plasticity Tests

Seventy-seven plasticity tests were conducted in the Cohesive Alluvium.

These have recorded liquid limits between 29% and 84% with an average of 49%, plastic limits between 15% and 36% with an average of 24% and plasticity indices of between 13% and 49% with an average value of 26%.

The plasticity chart presented in Appendix D indicates the Cohesive Alluvium is mostly intermediate to high plasticity with a few results indicating low and very high.

The distribution of water content, liquid limit and plastic limit with depth are shown in Appendix D, D.3.3.

# 5.5.4.2 Strength Testing

# Standard Penetration Test (SPT)

Eighty SPTs were carried out within the Cohesive Alluvium. The N60 values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor. N values shown below have been limited to 50 for conservative parameter derivation.

SPT  $N_{60}$  values range between 0-50 with an average of 22.

SPT  $N_{1,60}$  values range between 2 – 50 with an average of 27.

Higher values observed were located on the boundary between Cohesive Alluvium and the Weathered Mudstone.

Appendix D, D.3.4 shows  $N_{60}$  extrapolated values to assist with construction, however D.3.5 contains a plot of the limited SPT  $N_{60}$  values against level which have been used for parameter derivation.

#### Undrained Shear Strength

Two quick undrained shear strength tests in triaxial compression apparatus were completed as part of the 2021 GI. The results of these tests indicated that the undrained shear strength ranged from 49 – 80kPa.

Twenty-four in-situ hand shear vanes were conducted as part of the 2021 GI to determine peak undrained shear strength. This gave a variation between 25 – 62kPa and an average value of 45kPa.

The undrained shear strength (c<sub>u</sub>) may also be derived from the SPT N using the empirical correlation proposed by Stroud (1989) [43] and adopting a site-specific f1 value of 4.2, based on average plasticity index.

A plot showing undrained shear strength based on laboratory testing has been included in Appendix D, D.3.6.

Because of the nature of the test, hand shear vane tests are disproportionately carried out on shallow, low strength samples and this has been allowed for when considering the characteristic undrained shear strength of the material.



CPT data, together with correlations to other parameters including undrained shear strength is provided in the 2023 Factual GIR, where the derivation of Cu from CPT parameters is explained. The empirical cone factor  $N_k$  is required to relate cone resistance and effective stress to Cu. Three values 15, 17.5 and 20 are considered to cover the likely range in published literature.

This is the most reliable method of assessing soil strength for soft to firm alluvial clay due to the disturbance experienced in other test methods and the possibility to test the soil in its in-situ conditions. The following table illustrates the minimum Cu values from the CPT data using an  $N_{\rm K}$  of 20.

Table 18: Summary of CPT data in cohesive alluvium

CPT ref	Depth / Elevation	Min Cu kPa	Chainage
S3CPT12	1.0 / 8.1	40	3550
S3CPT13	1.75 / 7.7	40	3475
SCPT14	1.0 / 8.7	60	3410
SCPT15	2.2 / 7.3	25	3325
SCPT24	4.0 / 5.8	30	2810
SCPT25	4.3 / 5.7	35	2765
SCPT30	1.7-2.8 / 7.8-6.7	30	2585
SCPT31	1.3-1.9 / 7.8-7.2	25	2540
SCPT34	2.3 / 7.5	20	2570
SCPT35	2.3 / 7.6	25	2525
SCPT36	1.7 / 8.1	40	2490
SCPT40	1.8 / 8.4	20	0995
SCPT41	2.3 / 8.5	20	0350

#### Effective shear strength parameters

Three shear box tests were conducted on samples from the 2021 GI indicating a Peak angle of friction in the range of  $31^{\circ} - 36^{\circ}$  with an average value of  $34^{\circ}$ 

One consolidated undrained triaxial test with measurement of porewater pressure, indicated an effective angle of shearing resistance,  $\phi$ ', of 31°.

These four lab tests indicate higher long term friction angles than typically used in design and the number of tests is too small to provide confidence in the results, therefore the plasticity data will be used in design. This is based on an expression in BS8002 [44] proposed by Santamarina and Díaz-Rodriguez, which fits data presented by Terzaghi, Peck, and Mesri, the effective angle of shearing resistance,  $\phi'_{cv,k}$  can be estimated from  $\phi'_{cv,k} = (42 \degree -12.5log_{10}lP)$  for  $5\% \le lP \le 100\%$ . This results in a range between  $21\degree - 28\degree$  with an average value of  $24.5\degree$ .

A plot showing effective shear strength with depth for all methods of analysis is included in Appendix D, D.3.6.

# 5.5.4.3 Stiffness

The coefficient of volume compressibility (mv) may be derived from the SPT N values based on the empirical correlation proposed by Stroud (1974) [41] using  $f_2$  value of 0.48. This resulted in a range of values between 0.04 – 1.04 with an average value of 0.31m<sup>2</sup>/MN, which is approximately an  $E_{\nu}$  of 3.2MPa and  $E_{uv}$  of 4MPa.

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The undrained Young's modulus ( $E_{vu}$ ) of the Cohesive Alluvium can be estimated from the relationship  $Ev_u/c_u = 300$  for clays (CIRIA SP27) [46] for embankment and shallow foundation loading, where undrained strength is determined in section 6.4.1.2.

Seismic CPT investigation has been carried out at SCPT41A near Windmill Viaduct and indicates the soft alluvium 1 to 2.7m depth has a small strain stiffness (G<sub>o</sub>) 10 to 20 MPa.

Assuming a Poisson's Ratio of 0.5 for undrained clay,  $E_o$  will be 30 MPa for a lower bound  $G_o$  of 10MPa. This indicates that Eu in the strain range for small pile groups will be approximately 10 to 15 MPa after MOGE Figure 55.28 [47].

The horizontal stiffness will be higher than the vertical stiffness due to soil anisotropy and due to lower horizontal ground strain.  $E_{hu} = 600^*c_u$  is proposed for linear elastic analysis of laterally loaded piles or piled walls.

Proposed stiffness parameters are summarised in Table 20.

CIRIA SP27 [46] indicates that  $E_{\nu}$ '=075\* $E_{\nu u}$  for embankment and shallow foundation loading.

# 5.5.5 Granular Alluvium (Holme Pierrepoint Sand and Gravel)

Granular alluvium is present beneath topsoil between Farndon and the River Trent (Ch.000-0245) and in the Brownhill's Junction and A1 area Ch.4250-5550. The granular alluvium is present beneath cohesive alluvium in the central flood plain where it reaches a maximum depth of 9.3m in BH06 (2021) at the north-east side of Cattle Market Roundabout.

This stratum comprises sand and gravel with gravel being generally sub angular to sub rounded.

# 5.5.5.1 Classification Tests

#### Particle Size Distribution (PSD)

PSD's were discussed in 5.4.2 (potential borrow pits).

# 5.5.5.2 Acceptability Tests

#### Water Content

Forty-two moisture content tests were conducted through the granular alluvium indicating a moisture content between 3-55% with an average value of 13%.

Appendix D, D.4.1 contains a plot of the moisture content values against level.

#### 5.5.5.3 Density Tests

#### Dry and Bulk Density

Density testing was completed as part of the shear box testing and compaction testing. Twenty-nine tests on recompacted samples were completed in this stratum with an average dry density of 1.87Mg/m³ and bulk density of 1.99Mg/m³.

Appendix D, D.4.2 contains a plot of the density values against level.

# 5.5.5.4 Strength Testing

# Standard Penetration Test (SPT)

Four hundred and seventy one SPTs were carried out within the Granular Alluvium. The N60 values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor. N values shown below have been limited to 50 for conservative parameter derivation.

SPT  $N_{60}$  values range between 0 – 50 with an average of 29.

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SPT  $N_{1,60}$  values range between 0 – 50 with an average of 36.

Appendix C, D.4.3 contains a plot of the SPT  $N_{60}$  extrapolated values to assist with construction, however D.4.4 contains a plot of the limited SPT  $N_{60}$  values against level which have been used for parameter derivation.

Four small drained shear box tests were carried on samples of sand and gravel from WS46, 48, 57 and 68 over a normal pressure range of 50 to 200kPa.

The peak angle of shearing resistance,  $\phi_p$ ' = 32 to 39° and average 35° (with c' 4 to 13kPa). The samples had the largest particles sieved out and therefore may underestimate the strength of the bulk material.

# Effective stress parameters

Effective stress parameters for the stratum have been determined using the relationship given in BS8002 [39]:

The constant volume angle of shearing resistance,  $\phi_{cv}' = 30^{\circ} + \phi'_{ang} + \phi'_{PSD}$ .

Granular Alluvium has been described as sub-angular to sub-rounded, which correlates to a  $\phi_{cv'ang} = 2^{\circ}$ . The uniformity coefficient is determined by the soil grading from the PSD tests and has been determined to be medium graded, which equates to  $\phi_{cv'PSD} = 4^{\circ}$ . This suggests that the angle of shearing resistance,  $\phi_{cv'}$ , for the Granular Alluvium fill is 36°.

Based on the Peck et al correlation (1967) [40] correlating the relationship between SPT N values and angle of shearing resistance this indicates a peak angle of shearing resistance up to 43° with an average value of 37°.

#### 5.5.5.5 Stiffness

# Drained Young's modulus (E')

The drained stiffness (E') of the Granular Alluvium has been estimated from the SPT N based on the empirical correlation included within Bowles Foundation Analysis and Design [40] for medium dense gravelly sand resulting in an average value of  $28MN/m^2$ . This is considered to be a lower bound large strain stiffness in view of the geophysical measurements of  $G_0$  and that the granular soils are expected to be lightly overconsolidated. The direct measurement of  $G_0$  indicates small strain stiffness for the granular soils to be 50 to 150 MPa for locations SCPT05A (A1 bridge south abutment) and SCPT41A (Windmill Viaduct East abutment).

Assuming a Poisson's Ratio of 0.25 for granular soils,  $E_0$  will be 125 MPa for a lower bound  $G_0$  of 50MPa. This indicates that E' in the strain range for small pile groups and piled walls will be approximately 50 to 60 MPa after MOGE Figure 55.28 [47]

Proposed stiffness parameters are summarised in Table 21.

#### 5.5.6 Mercia Mudstone

Mercia Mudstone has been identified to underly the entire site comprising of Weathered Mudstone Grade II / IV overlying Fresh Mudstone Grade I / II.

#### 5.5.6.1 Weathered Mercia Mudstone Grade III / IV

Weathered grade III / IV mudstone has been observed throughout the site underlying the granular alluvium recovered as firm to stiff and very stiff clay.

Soil descriptions on bore hole logs provide a weathering grade classification and CIRIA C570 [48] also provides further guidance, for example suggesting that the transition from grade III 'soil' to grade II 'rock' is at an SPT N value of 80, which is comparable to a Cu of approximately 400kPa when the relationship after Stroud & Butler [43] is applied.

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The BGS publication 'Engineering geology of British rocks and soils. Mudstones of the Mercia Mudstone Group [54] provides data that confirms the site-specific parameters are close to the expected ranges.

#### **5.5.6.1.1** Index Tests

#### Water Content

A total of ninety-nine moisture content tests were conducted through the weathered mudstone as part of moisture content tests, triaxial tests and UCS tests indicating a moisture content between 3.3 – 39% with an average value of 20.4%. Hobbs et al [49] reports natural moisture content of weathered Mercia Mudstone to be 12 – 40%, which indicates the lowest values measured in the GI may be subject to test error or may actually comprise of samples of unweathered rock.

Appendix D, D.5.1 contains a plot of the moisture content values against level.

# Dry and Bulk Density

Density testing was completed as part of triaxial tests. Sixteen tests were completed in this stratum with an average bulk density of 2.08Mg/m³. Hobbs et al [49] reports typical bulk density of 1.84Mg/m³ for weathered Mercia Mudstone and 2.48 Mg/m³ for unweathered

Appendix D, D.5.2 contains a plot of the density values against level.

# Plasticity Tests

Fifty-six plasticity tests were conducted in the weathered grade III/IV Mercia Mudstone.

These have recorded liquid limits between 28% and 64% with an average of 38%, plastic limits between 16% and 27% with an average of 20% and plasticity indices of between 10% and 37% with an average value of 18%. Hobbs et al [49] reports plastic index to be 10 - 35%.

The plasticity chart presented in Appendix D indicates the Mercia Mudstone is mostly low to intermediate plasticity.

The distribution of water content, liquid limit and plastic limit with depth are shown in Appendix D, D.5.3.

# **5.5.6.1.2** Strength Testing

# Standard Penetration Test (SPT)

Two hundred and thirty-one SPTs were carried out within the Weathered Mudstone. The N60 values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. SPT's with refusals at 50 blows has been extrapolated to provide a value greater than 50 for a 300mm penetration assuming a linear trend. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor.

SPT N<sub>60</sub> extrapolated values range between 5 – 1675 with an average of 116.

SPT  $N_{1,60}$  extrapolated values range between 9 – 1650 with an average of 118.

Appendix D, D.5.4 contains a plot of the SPT N values against level.

#### Undrained Shear Strength

Five undrained triaxial compression tests were completed as part of the 2021 GI. The results of these tests indicated that the undrained shear strength ranged from 119 – 187kPa.

Eight in-situ hand shear vanes were conducted as part of the 2021 GI. This gave a variation between 39 – 75kPa and an average value of 56kPa.



The undrained shear strength ( $c_u$ ) may also be derived from the SPT N using the empirical correlation proposed by Stroud (1989) [43] and adopting a site-specific f1 value of 4.2, based on average plasticity index. This gives a range of shear strength from 17 to 630kPa.

A plot showing undrained shear strength with depth for all methods of analysis is included in Appendix D, D.5.5.

Because of the nature of the test, hand shear vane tests are disproportionately carried out on shallow, low strength samples and this has been allowed for when considering the characteristic undrained shear strength of the material.

# Effective shear strength parameters

Based on an expression in BS8002 [44] proposed by Santamarina and Díaz-Rodriguez, which fits data presented by Terzaghi, Peck, and Mesri, the effective angle of shearing resistance,  $\phi'_{cv,k}$  can be estimated from  $\phi'_{cv,k} = (42 \degree -12.5log_{10}lP)$  for  $5\% \le lP \le 100\%$ . This results in a range between  $22\degree -30\degree$  with an average value of  $26.5\degree$ . Hobbs et al [49] reports values of  $\phi'_{cv,k} = 25 - 42\degree$  for weathered Mercia Mudstone.

#### **5.5.6.1.3** Stiffness

The coefficient of volume compressibility (mv) may be derived from the SPT N values based on the empirical correlation proposed by Stroud (1974) [41] using  $f_2$  value of 0.48. This resulted in a range of values between 0.01 – 0.45 with an average value of 0.06m<sup>2</sup>/MN which is approximately an  $E_v$  of 17MPa and  $E_{uv}$  of 20MPa.

The undrained Young's modulus ( $Ev_u$ ) of the weathered grade III/IV Mercia Mudstone can be estimated from the relationship  $Ev_u/c_u = 350$  for clays (CIRIA SP27) [46] for embankment and shallow foundation loading, where undrained strength is determined in section 6.4.1.2.

The undrained Young's modulus ( $E_{hu}$ ) can be derived based on  $E_{hu} = 1000^*c_u$  for piled and retaining walls (CIRIA C760) [50].

CIRIA SP27 [46] indicates that Ev'=0.75\*E<sub>vu</sub> for embankment and shallow foundation loading.

CIRIA C760 indicates for piled walls in clay that  $E_h' = 750^*c_u$ . This is considered to be a suitable correlation for laterally loaded small pile groups and piled walls, in stiff and very stiff weathered Mercia Mudstone. Ev' =  $262^*C_u$  is proposed for drained linear elastic analysis of settlement under embankment loading.

Seismic testing has been carried out within 9 boreholes at several locations to investigate the small strain stiffness of the solid geology, where refusal of CPT equipment was expected. Unfortunately, this method relies on a stable fluid filled unlined bore and bore collapse at some locations limited the depth range that measurements could be taken. The following table summarises the findings:

Table 19: Summary of Down Hole Seismic Testing in Mercia Mudstone

BH ref	Z mAOD	Weathering Grade	G <sub>o</sub> (MPa)	Eou (MPa)
S3BH01 (9.88mOD, Ch.5360)	-7.1 to -14	III (Ex wk, RQD 0-60%)	200 to 500	600 to 1500
O11.0000)	-14 to – 17.3	II (Ex wk to m str, RDQ 40-90%)	1000 to 2000	3000 to 6000
S3BH02 (9.98mOD,	-0.5 to -1.0	III (Ex wk, RQD 0)	400	1200
(9.96110D), Ch.5270)	-1 to -4.0	II (Ex wk, RDQ 0- 45%)	250 to 800	750 to 2400
S3BH08 (9.99mOD,	-0.5 to -12	II (V wk to m str,	300 to 700 + 3300 in band 16.5m	900 to 2100 +

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Ch.3920)		RDQ 58-100%)	depth	9900 band	
S3BH09 (12.62mOD, Ch.3600)	0 to -10	II (Ex wk to m str, RDQ 40-85%)	350 to 1000 + 2500 in band 18m depth	1050 to 3000 + 7500 band	
S3BH10 (9.07mOD, Ch.3080)	-1 to -2.9	II (V wk, RQD 0- 20%)			
Cn.3000)	-2.9 to -3.9	IV, (Firm RDQ 0%)	850 to 1300	2550 to 3900	
	-3.9 to -7	II (Ex wk to v wk, RQD 33-53%)			
S3BH11 (13.19mOD,	-0.5 to -1.8	III (Ex-V wk RQD 0-23%)	500 to 600	1500 to 1800	
Ch.2610)	-1.8 to -3.1	II (Wk RQD 23%)	600 to 1000	1800 to 3000	
	-3.1 to -9.0	II (m str – v str RQD 26-72%)	1000 to 2000	3000 to 6000	
S3BH13 (11.04mOD, Ch.0340)	-6 to -11	II (Wk-V Wk, RQD 55-97%)	800 to 3000	2400 to 9000	
S3BH14 (11.54mOD, Ch.0280)	-3.5 to -10.5	II (Ex wk-V Wk, RQD 20-67%)	150 to 1300	450 to 3900	
S3BH15 (19.37mOD, Ch.3100)	-1 to -11	II (V wk-M str, RQD 60-83%)	1000 to 5000	3000 to 15000	

Note – for integral bridge design upper bound stiffness is important. For other designs characteristic stiffness will consider lower bound

Proposed stiffness parameters are summarised in Table 21.

#### 5.5.6.2 Fresh Grade I/II Mercia Mudstone

Fresh Mudstone was observed at much greater depths and generally comprised of medium strong reddish brown, grey mudstone with bands of siltstone and sandstone.

# **5.5.6.2.1** Index Testing

# Water Content

Sixteen moisture content tests were conducted through the mudstone as part of moisture content tests and UCS tests indicating a moisture content between 2-23% with an average value of 11.3%. Hobbs et al [49] reports moisture content values of 5-15% for unweathered Mercia Mudstone.

Appendix D, D.6.1 contains a plot of the moisture content values against level.

#### Dry and Bulk Density

Density testing was completed as part of UCS tests. Fourteen tests were completed in this stratum with an average bulk density of 2.27Mg/m³. Hobbs et al [49] reports a typical value of 2.48Mg/m³ for bulk density of unweathered Mercia Mudstone.

Appendix D, D.6.2 contains a plot of the density values against level.

# 5.5.6.2.2 Strength Testing

# Standard Penetration Test (SPT)

Fifty-three SPTs were carried out within the Fresh Mudstone. The N60 values have been derived based on the SPT direct measurement and corrected to account for the energy ratio of the SPT hammer. SPT's with refusals at 50 blows has been extrapolated to provide a value greater than 50 for a 300mm penetration assuming a



linear trend. The  $N_{1,60}$  values have been calculated accounting for the overburden correction factor.

SPT N<sub>60</sub> extrapolated values range between 24 – 3750 with an average of 407.

SPT N<sub>1,60</sub> extrapolated values range between 24 – 2101 with an average of 321.

Appendix D, D.6.3 contains a plot of the SPT N values against level.

# 5.5.6.2.3 Stiffness

Hobbs et al [49] reports values of 100 to 1200 MPa for Young's modulus of unweathered Mercia Mudstone. The fresh grade I/II mudstone can be treated as a rigid boundary i.e. non compressible material for the purpose of settlement calculations.

This stratum is also below the level of influence from horizontal loading of foundations on this project.

If pile calculations are carried out for end bearing that relies on reaching grade I/II Mudstone, then rock mechanics principals will be applied to obtain characteristic parameters, however at this stage it is anticipated that piles will be designed without reliance on toeing into fresh rock due to the highly variable depth of the weathering.

The downhole s-wave velocities will be used to assess stiffness for prediction of pile group settlement until verification is possible by means of pile load testing. It is expected that a minimum of one and potentially 2 preliminary pile load tests will be carried out during the detailed design stage, with the number of tests related to the different number of proposed piling methods.

# 5.6 Chemistry

#### 5.6.1 Buried Concrete Classification

Chemical testing was undertaken on a total of 173 soil samples from across the site at depths ranging between 0.3m and 22m.

The characteristic values are summarised in Table 20 below.

Table 20: Characteristic values for each stratum

Geology	Soluble Sulphate in 2:1 water/soil extract (mg/l SO4)	pH in 2.5:1 water/soil extract
Topsoil	-	8.0
Class 1A Fill	1500	8.4
PFA Fill	200	8.0
Cohesive Alluvium	2100	8.7
Granular Alluvium	2800	8.7
Weathered Mercia Mudstone	2000	8.7
Fresh Mercia Mudstone	1500	8.5

The Design Sulphate (DS) Class and The Aggressive Chemical Environment for Concrete (ACEC) Classification for the strata have been determined in accordance with the BRE document. These are presented in Table 21 below.

Table 21: DS & ACEC Classification

Geology	DS Class	ACEC Class	



Class 1A Fill	DS-2	AC-2
PFA Fill	DS-1	AC-1
Cohesive Alluvium	DS-3	AC-3
Granular Alluvium	DS-3	AC-3
Weathered Mercia Mudstone	DS-3	AC-3
Fresh Mercia Mudstone	DS-2	AC-2

The assessment is based on natural ground and mobile groundwater conditions with the exception of Made Ground where brownfield conditions have been assumed.

The specification of the concrete of foundations within these materials will need to be appropriate to these ACEC classes and follow the procedure specified in Section D of BRE Special Digest 1:2005 [51].

# 5.7 Contamination Testing

The contaminated land team are producing a Contaminated Land Risk Assessment including a screening of all geo-environmental testing conducted throughout the site. This is included within document HE551478-SKAG-EGN-CONWI\_CONW-RP-LE-00046-P02, 14.06.2023.

The only instances of contaminated land identified in the main scheme Ground Investigation (Tetra Tech 2021) was in WS46 (Ch.4060) at the base of the Made Ground layer in the Alluvium between 2.5 and 3.65 meters below ground level, where the ground was described as cream slightly sandy clayey sand, where a 'chemical odor' was observed, and BH11 (Ch.3815) where PAH was observed to be slightly elevated with respect to human health guidelines for a commercial end use.

Further investigation was carried out in the supplementary GI (Strata Geotechnics 2023) to delineate the extent of the WS46 hotspot, with exploratory holes S3BH05-07 put down around this area.

A summary of the test results is provided in Table 22 and Table 23 below.

Table 22: Summary of soil exceedances (Tetra Tech)

Location ID	Determinant Name	Sample Depth (mbgl)	Stratum	Commercial 1% SOM mg/kg	Result mg/kg
BH11	Dibenz-a-h- anthracene	2.4	Made	3.5	4.02
ВПП	Benzo(b) fluoranthene			44	47.1
	Benzo (a) pyrene	0.1	Ground	35	62.7
WS46	Naphthalene			190	19000
	Aromatics >C10 - 12			16000	46900

Table 23: Summary of soil exceedances (Strata Geotechnics)

Location ID	Determinant Name	Sample Depth (mbgl)	Stratum	Commercial 1% SOM mg/kg	Result mg/kg
S3BH05	Arsenic	2.9	Made	640	840
	Dibenz-a-h-anthracene	1.65	Ground	3.5	14

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Benzo(b)fluoranthene		44	94
Benzo(a)pyrene		35	78

The findings of the Strata Geotechnics GI indicate that the WS46 hotspot is either not extensive or is reducing in severity as groundwater flushes the source of contamination away from the site. No remediation is proposed, however a hazard is noted on the geotechnical risk register and drawings and the intention is to minimise excavations in the vicinity of this area, which are expected to simply comprise of a shallow excavation for protection measures to a buried utility pipe.

With regards to the elevated PAH in BH11 'clinker' is noted in the log description and may be the source of the contamination or it is possible that ash is the source where the log describes 'silty sand'. In this area a new pier foundation will be constructed with a group of CFA or bored piles. There is no long term risk to human health if the contaminated soils are covered with clean material, but pile arisings containing Made Ground will require further testing from stockpiles to establish the waste classification for disposal off site.

The CLRA section 39.1.5 classifies the scheme as very low risk.

The CLRA section 40.1.12 states that the 'scheme will not pose a significant risk to controlled waters'.

The Discussion (section 38), Ground Gas (section 39), Hotspot (section 40) and Revised Conceptual Ground Model (section 41) is included in Appendix F.

## 5.8 Summary of Geotechnical Information

Table 24 summarises the material properties of the strata encountered and Table 25 summarises the parameters that are recommended for the geotechnical design of the scheme.

These parameters are representative of site wide observations, however should be reviewed in conjunction with adjacent structure specific GI for detailed design.

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## Table 24: Summary of Stratigraphy

Geology	Description	Level of Top of Stratum (mAOD)	Depth to top of stratum (m)	Typical Thickness (m)
Topsoil	Grass overlying dark brown/dark grey gravelly silty sand.	7.10 – 19.90	0.00	0.125 – 0.3
Class 1A Fill	Brown to dark brown slightly clayey sandy gravel.	8.93 – 22.42	0.30 – 1.20	0.30 – 14.90
PFA Fill	Compacted stiff to hard grey sandy clayey silt with gravels of slag (PFA).	14.60 – 21.80	0.90 – 1.70	3.65 – 8.90
Cohesive Alluvium	Soft to firm brownish grey sandy silty clay.	-2.90 – 18.42	0.00 – 11.60	0.20 - 9.60
Granular Alluvium	Medium dense to dense brown slightly clayey sand and gravel.	3.67 – 18.89	0.00 – 13.40	0.10 – 13.30
Weathered Mercia Mudstone	Recovered as firm to stiff silty clay. Zone III/IV Marl.	-2.86 – 11.29	0.80 – 17.00	0.50 – 27.00
Fresh Mercia Mudstone	Weak to medium strong reddish-brown mudstone.	-15.24 – 5.10	1.00 – 25.00	Not proven



Table 25: G Parameters	$\begin{array}{c} \textbf{Geology} & \begin{array}{c} \textbf{Unit} & \textbf{Undrained} \\ \textbf{Weight,} & \textbf{Shear} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{kPa} \end{array} \begin{array}{c} \phi'_{\text{cv}} \\ \textbf{(degree)} \end{array} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{kPa} \end{array} \begin{array}{c} \phi'_{\text{cv}} \\ \textbf{(degree)} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{kPa} \end{array} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{kPa} \\ \textbf{Strength,} & \textbf{cu,} \\ \textbf{Strength,} & \textbf{Strength,} \\ \textbf{Strength,} & Str$		Piles <5mm deflection (linear elastic)	Piles v small strain (hyperbolic)	Settlement 20-200mm (linear elastic)	
Geology	Weight,	Shear Strength, c <sub>u</sub> ,	φ' <sub>cv</sub> (degrees)	E <sub>h</sub> ' / E <sub>hu</sub> @ 0.01% (MPa)	E <sub>h</sub> ' / E <sub>hu</sub> @ 0.0001% (MPa)	E <sub>v</sub> ' / E <sub>vu</sub> @ 0.1% (MPa)
Class 1A Fill	20	-	35	100	200	30-50*
Cohesive Alluvium	17	20	25	9 / 12	25 / 30	4.5 / 6
Granular Alluvium	20	-	35	100	200	30-50*
Weathered Mercia Mudstone	21	150+10z	26	112.5+7.5z / 150+10z	250+15z / 300+20z	56.25+3.75z / 75+5z
Fresh Mercia Mudstone	22	>400	30	N/A	N/A	>90 / >120

#### Notes:

- 1) Unit weight has been based on borehole log descriptions and BS8002:2015 Table 1.
- 2) For fine grained materials, the angle of shearing resistance has been calculated based on average Plasticity Index values for each stratum and BS8002:2015 Table 2 relationship between Terzaghi, Peck and Mesri.
- 3) For coarse grained materials, the angle of shearing resistance has been based on average SPT N values for each stratum and the 1967 Peck, Hanson & Thorburn relationship.
- 4) The undrained shear strength has been based on average SPT N values for each stratum and the Butler & Stroud correlation (1975).
- 5) The effective cohesion has been conservatively modelled as 0kPa based on site observations due to limited testing information for cohesive materials.
- 6) The drained Young's modulus for cohesive material including the weathered Mercia Mudstone (Grade III/IV) has used the E' = 750\*C<sub>u</sub> and E<sub>u</sub> = 1000\*Cu correlation for 0.01% strain stiffness from CIRIA C760.
- 7) A poisons ratio 0.25 drained is applied for all rocks and soils.
- 8) Very small strain stiffness is informed for geophysical measurement of  $G_0$  and formula E=2G(1+n)
- 9) \*Location specific assessment required (SPT 'N' vs depth, PSD, S-wave velocity) and lower bound values considered in accordance with Bowles where appropriate ref 5.6.9.3
- 10) Rockhead (grade II) is defined as min SPT N 80 or Cu 400kPa after CIRIA C570
- 11) The proposed soil parameters differ from the 1985 design values, largely to the limited understand of soil stiffness and reliance on oedometer results at that time. The 1985 values are: Alluvial crust; C<sub>u</sub> 70kPa, c' 0kPa, φ' 30<sup>o</sup>, C<sub>v</sub> 4m²/yr, m<sub>v</sub> 0.07m²/MN p<sub>0</sub> to p<sub>o</sub>+200kPa (i.e. E 14MPa), mc 22%, Ip 23%
  - Soft alluvium;  $C_u$  13kPa, c' 0kPa,  $\phi$ ' 30°, Cv 1m²/yr, mv 1.26m²/MN (E 0.8MPa), mc average 40%,  $l_p$  25%,
  - Grade III/IV mudstone;  $C_u$  70-100kPa, c' 0kPa,  $\phi'_{peak}$  35°,  $\phi'_{res}$  25°,  $C_v$  0.1 to 2000m²/yr,  $m_v$  0.12m²/NM (8MPa)
- 12) These parameters are representative of site wide observations, however should be reviewed in conjunction with adjacent structure specific GI for detailed design.



# 6. Geotechnical Risk Register

This section contains an update of the Geotechnical Risk Register previously contained within the Atkins produced PCF Stage 2 GISR, rev. C03, published on 09/02/2021 (ref. HE5514-ATK-HGT-XX\_A46-RP-CE-000001). This includes mitigation measures which have been undertaken and proposed mitigation measures which are recommended to be taken forward in the design.

The risk register is a snapshot of the project risk register and project CDM risk register which will continue to be updated throughout the course of the project. The project is using a central live risk register to ensure risks are visible to all disciplines throughout the project lifecycle.

The geotechnical and contamination risk register assesses the design risks associated with the project and identifies their potential impact on the progression of the scheme. The risk register forms an assessment for given design hazards based on the potential likelihood of occurrence and the severity of any impact on the scheme. The assessment of the Risk (R) to the scheme is determined by the Likelihood (L) x Severity (S).

The mitigation measures considered are those that may be applied during design or construction, as appropriate, to mitigate the hazards identified and, in most cases, to reduce the Risk to "As Low as Reasonably Practicable" (ALARP). For some situations the risks may have been reduced, but significant residual risk may remain, which must be controlled during construction phase of the project. When the risk assessment identifies that the risk falls into the medium to high category, control measures are required to reduce the risk to ALARP.

The risk ratings are identified below, it should be noted that figures quoted should be considered qualitative and used for comparison purposes only. Risks have been categorised using the following criteria:

- Cost
- Programme
- Health & Safety
- Environment
- Operations

**Table 26: Likelihood of Occurrence** 

Probability		Score
Improbable	< 1%	1
Unlikely	> 1%	2
Possible	> 10%	3
Probable	> 50%	4
Very Likely	> 90%	5

**Table 27: Hazard Impact Severity Table** 

Impact Severity	Cost (C)	Programme (P)	Health & Safety (H&S)	Environment (E)
1	Negligible	Negligible	Negligible	Negligible
Very Low				

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2 Low	1% budget	5% delay	Minor injury	Minor incident
3 Medium	10% budget	12% delay	Major injury	Incident requiring management input
4 High	20% budget	25% delay	Fatality	Incident leading to prosecution or protestor action
5 Very High	50% budget	50% delay	Multiple fatalities	Major incident with irreversible effects and threat to public health or protected natural resource

Table 28: Risk Level Matrix

		Impact Severity									
		1	2	3	4	5					
	1	1	2	3	4	5					
	2	2	4	6	8	10					
g	3	3	6	9	12	15					
ikelihood	4	4	8	12	16	20					
Like	5	5	10	15	20	25					

Table 29: Design Team Actions

Risk Level	Health & Safety Risks	Technical / Commercial / Operational Risks
Low (1-8)	Check that risks cannot be eliminated or further reduced by design amendments	Check cost/benefit of potential mitigations to reduce risks
	Proceed with design and construction	Proceed with design and construction
Medium (9-19)	Seek alternative designs and/or mitigations that eliminate or reduce risks	Consider alternative designs and/or mitigations that eliminate or reduce risks
	Discuss with Client & other stakeholders	Discuss with Client & other stakeholders
	Convey residual risks via risk register	Convey residual risks via risk register
High (20- 25)	Amend design to reduce risk or seek alternative designs	Consider alternative designs and/or mitigations that eliminate or reduce risks
	Critically review whether risk can be mitigated during construction	Critically review whether risk can be mitigated during construction
	Discuss with Client & other stakeholders	Discuss with Client & other stakeholders
	Convery residual risks via risk register	Convey residual risks via risk register

Table 30: Geotechnical Risk Register

Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk							st of Statutory services plans obtained and will be provided to contractor.  Consultation underway with service providers including diversions of affected services planned as part of the design.  Structures and earthworks drawings to highlight potential clashes.  Appropriate protection/mitigation measures to be confirmed prior to construction by contractor.  As-built data to be used to input existing buried elements into the 3D design model. This will ensure that the model can be checked for any potential clashes.  g SPT N values indicates PFA is cemented 2  Hazard to be added to geotechnical drawings if			
<b>Existing Structure</b>	es / Earthworks									
121	Striking buried services. Known presence of	C, P, H&S	3	4	12	Injury/Death and/or cost of repair to services		2	4	8
	buried electricity, gas, telecom and water/sewer services						including diversions of affected services planned as			
120 / A46 D401 C										
128 / A46 – R401	Clash with existing buried/hidden structural elements. Existing biaxial raking H piles in Bridges B1, B4, B5, ground anchors, sheet piles are known to have been installed for the historic A46 works.	C, P, H&S	3	4	12	Damage to buried elements compromising existing structures.	elements into the 3D design model. This will ensure that the model can be checked for any potential	2	4	8
129	Localised undermining	C, P, H&S	3	3	9	Instability of the existing	SPT N values indicates PFA is cemented	2	3	6
	of the earthwork/carriageway due to loss of uncemented PFA.					embankment resulting in localised repair work and/or temporary lane closure.				
	PFA is known to have been used in the A46 embankments. This may not be cemented and could be scoured during heavy rain fall									



Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
	causing erosion beneath the carriageway.									
131 / A46 – R402	Potentially overloading existing geotechnical assets which may already be in poor condition.  Geotechnical assets along route are reportedly in good condition.  Minor defects identified around Brownhills roundabout (toe scar, bulging, rabbit burrows).	C, P, H&S	3	3	9	Failure of existing slopes and structures which may already be at capacity.  May result in additional ground improvement requirement and remedial works.	Existing earthwork monitoring regime to be implemented during construction.  Note condition assessment to be carried out for Cattle Market culvert to confirm potential need for Leca fill.  Central Rail Bridge East Abut to be reused for additional carriageway. Design to include assessment of existing loadings vs proposed.  Assess existing foundations for re use of increased loads.	2	2	4
	Clash of A46 works with Proposed Network Rail Bridge	Design	3	3	9	Potential for design constraints, clash with new structure/foundations.	Interface meetings being held, and prelim options discussed to ensure risk of clash mitigated.	2	3	6
	Extent of shear keys from original A46 construction unknown.	C, P	3	2	6	Lateral extents of shear keys and full replacement unknown throughout existing embankment construction. New load near toe of existing batter may bear on soft alluvium causing ground movement	Existing earthwork monitoring regime to be implemented during construction or robust ground improvement designed.	2	2	4
Geology										



Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
	conditions (including soft ground, loose ground, hard ground, unknown made ground, and unknown groundwater regime).					insufficient design, collapse/excessive deformation, damage to structures/earthworks/road. Potential contamination.	has been produced which includes summaries of the material parameters and possible risks.			
122 / A46 – R066	Earthwork Instability. Thin layer of soft clay occurs across the floodplain. This has been observed in historic GI and 2022 GI.	C, P, H&S	4	3	12	Differential settlement and instability issues in earthworks and structures.	Ground investigation has been carried out to determine the extents of the soft clay layer, this GIR has been produced which includes summaries of the material parameters and possible risks. Foundations and/or ground improvement to be designed accordingly (excavate and replace, ground improvement, surcharge or similar).	2	3	6
123 / A46 – R066	Deep alluvium channel at near Windmill Viaduct north abutment and at north end of flood plain Ch.4400-4500.  Deep channel of very soft clay east of Nottingham – Lincoln Railway Bridge East; approx. 150m wide and 6m deep identified by historic GI and feedback report.	C, P, H&S, O	4	3	12	Earthwork surcharge led to movement of the adjacent railway line.	Stage 3 Gl undertaken to identify depth of alluvium at proposed location of works.  Piled foundations proposed for structures to limit settlement of structures.  Steep strengthened earthworks to be built above shear key of existing embankment to reduce surcharge on soft alluvium.  Ground improvement methods to be considered if approach embankments are to be located on alluvium channel.	2	3	6
124 / A46 – R066	Localised differential settlement leading to earthwork and carriageway repairs.  The floodplain contains many alluvial channels	H&S, O	2	3	6	Differential and/or excessive settlements resulting in earthwork or carriageway repairs.	Geotechnical design to include settlement checks between existing and proposed embankment to reduce excessive differential settlement.  Ground improvement methods and light weight fill options to be considered if appropriate.  Post construction settlement monitoring period to be	1	3	3



Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
	(relict meanders of the River Trent).						specified.			
	Localised and highly variable ground conditions within alluvium on River Trent floodplain.						Fully flexible pavement reduces risk			
126 &127 / A46 – R071	Localised deep soft ground due to historic borrow pits.	C, P, H&S	3	3	9	Increased differential settlement	Pre earthwork trial pits to confirm risk to haul road Ch.1300-1500 and possible need for thickening haul road & additional geogrid	2	3	6
8	Limited site won fill available in proposed borrow pit locations.	C, P		3	9	Alluvium and River Terrace Deposits may not be	Stage 3 GI completed to determine suitability of borrow pit locations. This is discussed in Section 5.	2	3	6
						suitable for reuse, therefore increasing quantity of import and disposal.	Geotechnical design to limit need for alluvium to be removed by introducing ground improvement methods, light weight fill and stone columns.			
							Allow for incorporation of poorer cohesive material into the works (e.g. landscaping/shallower slopes).			
							Potential for reconditioning of fill from borrow pit locations.			
A46 - 405	Greater depth to competent Mercia Mudstone. Variable weathering profile.	C, P, H&S	3	3	9	Insufficient capacity of foundations. Deeper foundations/re-design.	Stage 3 GI targeted at structures locations to identify depth to competent Mercia Mudstone. Section 7 discuss' the properties and depths of Mercia Mudstone in the location of structure designs.	2	3	6
							Pile load tests will be specified as part of the detailed design process to assist with pile design.			
A46 – R406	Low permeability strata resulting in ineffective drainage design.	C, P	2	3	6	Ineffective infiltration testing resulting in delay to programme and additional cost for piped drainage.	Stage 3 GI included infiltration testing to confirm suitability for soakaway drainage.	1	3	3



Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
Geochemical & Ge	eoenvironmental									
133	Chemical attack on buried steel and concrete.  Alluvium was classified as aggressive to buried steel.  Gypsum in Mercia Mudstone can be aggressive to buried concrete.	C, P, H&S	3	3	9	Earlier degrading structural integrity of buried steel and concrete.	BRE testing completed as part of the Stage 3 GI in locations of proposed foundations. Section 6.8 discuss' the appropriate concrete classes proposed for use throughout the site.  Use sacrificial steel, appropriate concrete class and protective measures to be determined at detailed design.	2	3	6
134 / A46 – R118	Contaminated ground located at chainage 4000.	C, P, H&S, E	4	3	12	Continued spreading of contaminant. Damage to environment. Hazard to construction workers.	Stage 3 GI targeted previously identified contamination hot spot at chainage 4000. This is discussed further the environmental report HE551478-SKAG-EGN-CONWI_CONW-RP-LE-00046 which includes a Contaminated Land Risk Assessment. Attempt to avoid excavation in this area	2	3	6
Construction										
A46-R414	Unforeseen archaeology causing delays or other cost impact on new earthworks	C, P, E	2	3	6	Any significant 'finds' during July-Sept trenching investigations could lead onto more extensive investigations and recovery or protection measures for the archaeological items	Desk study report indicates any archaeological items are likely to have been destroyed by the River Trent flood events throughout the flood plain, but trenching investigation has not yet been carried out and will further inform this risk by October 2023	2	3	6
A46 – R407	Underpowered CFA rig remoulding mudstone around pile shaft	C, P, H&S	3	3	9	Lower pile capacity resulting in longer/additional piles.	Meeting been held with Piling contractor to discuss appropriate methods within this geology.  Preliminary pile tests to be conducted prior to design.	2	3	6



Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
							Rotary bored method where risk is high			
135	Heave/vibrations from vibro stone column construction impacting on live traffic.	C, P, H&S, O	3	3	9	Vibro Stone Columns proposed in these areas:	FPS exclusion zone of 10m from live traffic. In areas that do not meet this guidance consideration for night time working and lane closures.	2	3	6
						- Embankment Ch.0335- 0980				
						- Cattle market earthworks				
						- Embankment Ch.1530- 2300				
136	Heave/vibrations from vibro works impacting on 3rd party buried services.	C, P, H&S, O	3	3	9	Vibro Stone Columns proposed in these areas:	Exclusion zone typically 2-3m.  Structures and earthworks drawings to highlight potential clashes.  Appropriate protection/mitigation measures to be confirmed prior to construction by contractor.	2	3	6
						- Embankment Ch.0335- 0980				
						- Cattle market earthworks				
						- Embankment Ch.1530- 2300				
125	Groundwater flooding as a result of removal of alluvial clay.	C, P, H&S	3	3	9	Groundwater flooding of excavations resulting in construction difficulties.	Groundwater monitoring ongoing to provide better understanding of the groundwater levels throughout the site.	2	3	6
	Clay may act as a semi- permeable layer containing groundwater within sands and gravels below. If removed groundwater can flow upwards to surface during periods of flood.						Establish comprehensive groundwater model and monitoring in advance of the design and construction phases.			
							Plan dewatering of excavations.			
							Information to be passed to contractor and risk to be identified on construction drawings.			
130	Pluvial and fluvial flooding of excavation works within flood	C, P, H&S	3	3	9	Scour, rapid draw down slips, or softening of	Detailed design to consider size of starter layer stone (6C vs 6B) to resist scour and height above FDL to mitigate wave scour. Detailed design will	2	3	6

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Risk ID	Hazard	Risk Type	L	S	R	Consequence	Mitigation	L	S	R
CDM / Project Risk										
	zones.					formation	also consider the river hydrograph informs risks of formation softening and rapid draw down slope instability. Scour protection to structures will be covered in the structure specific design risk register			
137	Unexploded bombs / ordnance (UXB / UXO).	C, P, H&S	2	5	10	Injury to construction workers and general public. Damage to infrastructure. Programme delays and increased costs.	The Zetica UXO Desk Study and report indicates a low risk. This is discussed further in Section 3.14.	1	5	5
139	Negative skin friction on abutment piles or rigid inclusions may occur when new embankment loading generates long term settlement	С	3	2	6	Increase inclusion length – increase cost	Detailed design calcs to confirm	3	1	3
Operation & Mair	ntenance									
138	Poor maintenance of slope drainage and other associated drainage network.	O, H&S	3	3	9	Slope failure, increase in cost of maintenance.	Drainage to be maintained in accordance with good practice as outlined in the Highway DMRB.	2	3	6

# 7. Engineering Assessment

This section provides a summary of preliminary calculations and the optioneering carried out to achieve the most suitable geotechnical solutions for the desired highway alignment and initial foundation loading. It provides site-wide considerations and also details each geotechnical asset from Chainage zero at Farndon Roundabout to Chainage 6900 at Winthorpe Roundabout.

### 7.1 Site Wide Constraints on Earthworks

The following constraints for geotechnical design have been provided by other disciplines (or buildability / maintenance):

- Maximum slope gradient for grassed area with maintenance is 1V:2H
- Maximum slope gradient for planted areas is 1V:2.5H
- Minimum offset from edge of carriageway to centre of tree trunk is 9m
- Minimum offset from edge of carriageway to shrubs is 4m

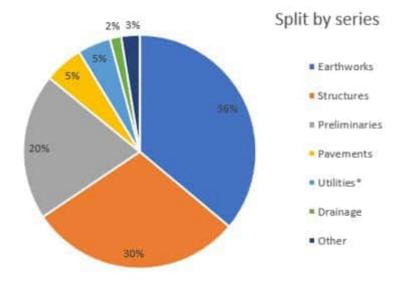
The Stage 3 design assumes 1V:2.5H embankment slopes where tree planting is required, 70-degree slopes where strengthen earthworks are possible, 1V:2H slopes in other areas and retaining walls at pinch points (Ch.2140-2190 SB, both carriageways Ch.2300-2570, Ch.2590-2680 and Ch.2700-3020).

## 7.2 Site wide Value Engineering and Carbon reduction

Total carbon emissions comprising construction materials, construction plant and operation have been calculated. There is need to provide a 35% carbon reduction by the project, relative to the Stage 2 design. This has largely been achieved but a remaining 2% is expected to be achieved during the detailed design stage.

The split between different disciples that has already achieved a 33% relative to the Stage 2 design is shown in Figure 23 below.

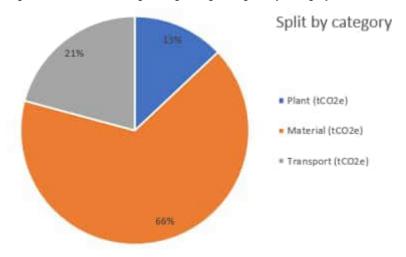
Figure 23: Carbon saving during Design Stage 3 split by discipline





The carbon saving has also been split by category as shown in Figure 24 below.

Figure 24: Carbon Saving during Design Stage 3 by category



The most significant aspect of geotechnical 'Value Engineering Optioneering' carried out in PCF Stage 3 is to minimise the volume of new fill placed in the flood plain by use of steep strengthened slopes (Farndon to Brownhill's), which in turn reduces import costs, reduces the quantity of land purchased and reduces the volume of flood compensation excavations. This makes up a significant portion of the material savings that are 66% of the total carbon savings and a significant part of the earthworks carbon savings which contribute by discipline to 38% of the total carbon savings. Further details on the conceptual design of steep strengthened slopes are given in Section 7.3.

The Atkins PSSR [1] recommended a 1km length of soil mixing to 5m depth and a further 1km length of soil mixing to 2m depth. The subsequent Stage 2 design document 'Ground Investigation: Summary of key geological/geotechnical findings, 11.10.21 [52] identified the need for ground improvement to comprise of excavation/replacement of soft ground for 700m length to depth of 2m. The Stage 3 design development has removed the majority of this ground improvement and replaced it with low-carbon solutions as detailed in Section 7.4.

Where there is uncertainty in the form of piling due to lack of design at this stage, the scheme budget is being set with the assumption of rotary bored pile methods. It is likely that a small carbon saving can be made on the 'structures' by use of CFA piles where possible improvements in production rates may reduce the 'construction plant' measurement. There has also been consideration of designing out piled foundations to Brownhill's Underpass and the A46 over A1 bridge which has a carbon saving. There are no further significant carbon savings on foundations to be realised during detailed design.

It has been concluded that the benefits of providing enhanced visual screening with trees on 1V:2.5H slopes in the southern quadrants of Cattle Market and between Ch.4850-5700, outweighs the additional carbon savings that would be realised from planting at the base of steep strengthened slopes and therefore geogrid reinforced slopes are only introduced to locations where there is the added benefit from reducing the volume of fill in the flood plain <u>and</u> where visual impact in these areas are acceptable.



## 7.3 Floodplain Wide Steep Strengthened Slopes

Further logic has been proposed by the geotechnical designers and agreed by other relevant disciplines in order the define the extent and geometry of steep strengthened earthwork slopes as follows:

- Formation level for the basal geogrid will be the top of the starter layer which varies between 11.78 and 13.16mOD depending on the flood zone, as detailed in section 3.11.
- The top layer of geogrid shall be at the crest of the 70-degree slope and be at least 1.0m below finished road level.
- Slopes above the top layer of geogrid shall be 1V:2H.
- Reinforced soil slopes are not suitable where planting (trees or shrubs) is required.
   Where trees are required, slopes will be 1V:2.5H.
- Reinforced soil slopes are not suitable for low height slopes and the project definition will be where finished road level below approximately 15mOD.

An example of green 70-degree steep strengthened embankment slopes is illustrated below.





Tensar have provided advice and an application suggestion for TensarTech 'GreenSlope system' which is included in Appendix E. Initial geogrid lengths have been calculated to be approximately 75% of the height of the strengthen slope. This is considered an adequate level of design to inform the temporary works assessment of short-term excavations into the existing A46 embankment slopes and in turn confirm the location of the new toe of batters.

Flexible facing systems exhibit high tolerance to differential settlement. The formation to steep strengthened slopes will require ULS checks for bearing capacity and SLS verification will include checking any strain limits in the geogrid design or BBA certificate and the limits in EN 14475:2006 [53]Table C.8 i.e. 2% differential settlement longitudinally and 5% transverse compressibility, as well as verification that any predicted remaining settlement beneath new pavement construction is acceptable at the time the pavement is constructed.



# 7.4 Site wide embankment bearing and settlement mitigation optioneering

The following options have been considered for mitigation when formation soils are soft and compressible and SLS ground movement or ULS bearing capacity or slope instability is a concern:

- i) Temporary surcharge
- ii) Basal geogrid
- iii) Excavation and replacement (granular shear key)
- iv) Use of lightweight fill e.g. 'Leca'
- v) Concrete protection slabs over buried services
- vi) Vibro Stone Columns
- vii) Rigid Inclusions
- viii) Piled load transfer platforms and piled protection slabs

In many locations of on-line embankment widening, it is expected that the short term (undrained) response of the soft alluvium to new embankment loading can be managed by the starter layer and a basal geosynthetic material, together with surcharge from the temporary haul road as illustrated in the figure below. The scope of embankment monitoring to manage this risk will be confirmed in the Geotechnical Design Report in due course. It is expected that some of the proposed 'stone column' ground improvement may be designed out if a robust monitoring plan is implemented with contingency measures in place. Examples of contingency measures could be to pause the bulk fill operations at mid height if movement or excess porewater pressure is detected, or to provide additional temporary surcharge in front of the toe of the new embankments.

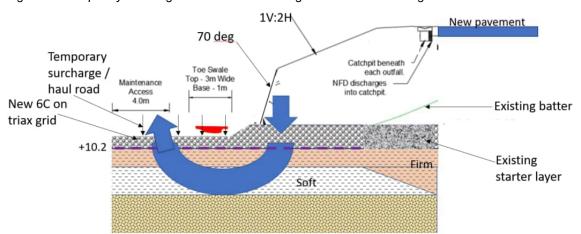


Figure 26: Temporary surcharge of toe of batter to mitigate 'undrained' bearing failure

One final potential application of 'temporary surcharge' ground improvement is a contingency plan to force out any remaining consolidation settlement under new embankments adjacent to structures if monitoring indicates consolidation will not be complete at the proposed time of pavement construction. This would comprise of a temporary bund up to approximately 2m in height over a length of approximately 10 to 25m across any transition between earthwork and structure. Locations where this may be required include B01, B02N, B03N, B04N, B09N north abutment and B11N.

Excavation of soft clay and replacement with granular fill (including formation of shear keys) was a common method of ground improvement during construction of the existing A46 in 1989 and 1990. This method is practical on new-build, greenfield sites

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with good working space. However, for online widening projects this method has many complications including road haulage to dispose of Class U1A material and the risk of instability of existing structures due to the temporary deep excavations. This method is considered to be suitable to improve ground to some new spread footings, for example B11N, however vibro stone columns may provide economy when the technique is already required in the vicinity e.g. to new wingwalls of B03N. For small scale excavations where other forms of ground improvement are not proposed, new shear keys may be provided for toe stability of widened embankments. The selection between stone column and granular shear key ground improvement will be confirmed during the detailed design process, however at this stage it is envisaged that shear keys may replace very short stone columns in the north-east quadrant of Cattle Market Ch. 2800-3065 and also between Ch.3900-4500 where numerous buries services are likely to prevent to application of vibro stone columns.

It is understood that the use of light weight 'Leca' fill may require a departure from standard, however this is a well-established method to reduce settlement to National Highway assets and will be considered during detailed design if it can 'provide value'. At this stage 'Leca' fill is not a preferred solution in any AIP.

Detailed design will also consider the risk to the existing carriageway from adjacent new embankment loading and a contingency may be the use of a small volume of lightweight fill, however at this stage the risk is considered to be low and 'Leca' fill not required.

Treating soil with stone columns involves a combination of the following actions, of which one or more may be intended:

- i) Improving bearing capacity
- ii) Reducing settlements/differential settlements
- iii) Improving uniformity of geotechnical characteristics
- iv) Increasing the consolidation rate by creating drainage elements
- v) Increasing equivalent ground mass characteristics (horizontal shear strength, angle of internal friction and deformation parameters).

Stone columns must not be used in the following circumstances

- i) In soils with loss on ignition > 5% e.g. peat
- ii) In highly compressible soils of thickness > 0.5 to 1m with Cu < 15 or 20kPa or qc <300kPa
- iii) Adjacent to sensitive buried services
- iv) where new pathways to groundwater flow may generate an uplift, flood or contamination risk

Beneath concrete foundations a minimum 400mm granular load transfer platform is required, but beneath new road pavements the embankment fill will provide the required load transfer.

Rigid Inclusions are proposed where greater settlement reduction is required than can be provided by stone columns, for example beneath Tensar block reinforced soil walls at 'Cattle Market'. Rigid Inclusions are preferred over vibro concrete columns due to the higher torque and pull-down force of the rig which can penetrate through existing fill and to generate sockets into the weathered mudstone to carry higher loads, inclusive of any negative skin friction. A detailed explanation of the main area of proposed vibro stone columns and rigid inclusions is provided in Section 7.12 'Cattle Market Earthworks' with an outline concept design plan.

At other locations where the alluvium may cause instability problems at the toe of the new embankment or serviceability problems associated with settlement of the new



pavement, vibro stone columns are proposed as a low-cost, low spoil' solution. An embankment summary is provided at the end of Section 7 where all proposed locations of vibro stone columns are presented.

### 7.5 Embankment Ch.0000-0245

Between Farndon Roundabout and the Windmill Viaduct, widening of the north bound embankment is required. Fill height is approximately 5m at the tie into the roundabout and rises to 7m height at the abutment to the Windmill Viaduct, where bridge deck level across the River Trent reaches a maximum elevation of 18.3m. There is an existing underpass at Ch.0040, however minor horizontal alignment adjustments to the new carriageways have designed out the need to lengthen this structure. A retaining wall is proposed between Ch.0060-0150 in order to minimize encroachment into a private garden. On the design fix 3C alignment this will require a maximum 5.2m retained height but the alignment of the wall will be moved laterally to the edge of the existing ditch approximately 6m away in order the reduce the vertical retained height to approximately 2.2m, allowing for a 1V:2H slope above. The most onerous cross section is Ch.140 where the retained height is the greatest and the conceptual design of a sheet piled wall is illustrated below.

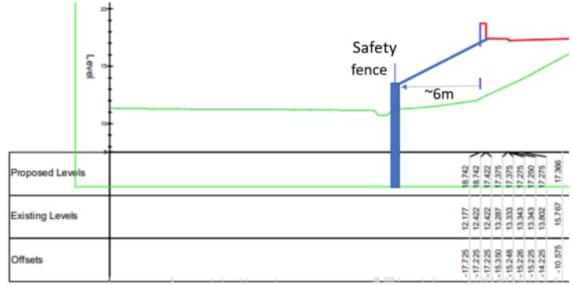


Figure 27: Proposed toe sheet pile wall at Ch.140 approximately 6m away from 3C alignment

Chainage 140.000m

The reason reinforced soil was not favored at this location was due to the interface with the existing Farndon Underpass (B01) and the need to cut into the existing embankment to place the basal layer of geogrid.

A cantilever sheet pile wall is the preferred single option, due to the need to provide scour protection to a flood level of 12.9mOD. The maximum retained height of fill will be less than 2.5m therefore this structure shall be a geotechnical asset and not require an Approval In Principal. The detailed design of this structure shall be in accordance with all relevant standards including EC3-5, EC7-1 and SHW series 1600.

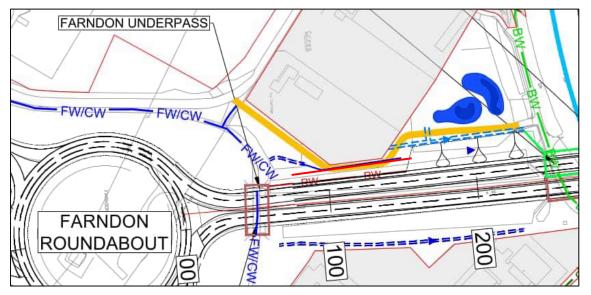
No ground improvement is envisaged to the traditional embankment with 1V:2H slopes between Ch.0150-0245 where granular formation (BH54) or localised firm clay (TP01) is anticipated. However, embankment settlement monitoring will be carried out to confirm settlement is complete adjacent to the new piled bridge abutment at Ch.0245,

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before the new pavement is constructed or whether a temporary surcharge is needed to generate any remaining settlement close to rigid structures.

Figure 28: Plan of proposed embankment Ch.000-0245 from drawing HE551478-SKAG-HGN-CONWI\_CONW-DR-CH-00101-P01



The new north bound crossing over the River Trent will require a new bridge to the north of the existing with a 2m gap for maintenance. The south abutment is 'set back' north west of the existing abutment to avoid new piles clashing with existing asymmetric raking H piles and also to position the new bridge supports at a similar skew alignment relative to the river as existing, in order to minimise impact on river flows during flood events.

The retaining walls and 6C starter layer to slopes will provide scour protection to wave action during a prolonged flood event.

GI data beneath the footprint of this new earth structure comprises S3BH14, 2021 BH01, TP01, BH54, BH24 (2021) and BH204 (1978), as illustrated in Figure A1.

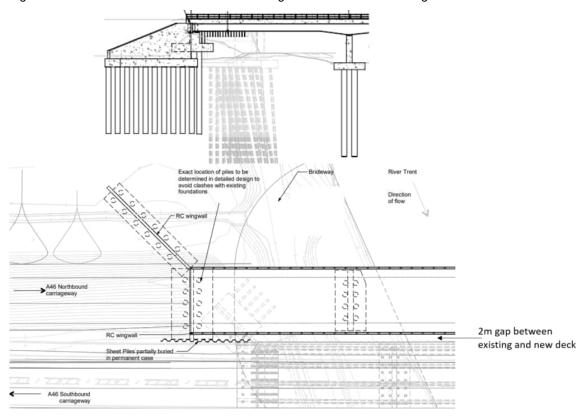
This indicates that minimal compressible soil is expected beneath the pressure bulbs of the new embankment. Total settlement of the new embankment is expected to be approximately 35mm, the majority of which will be built out during construction and less than 10mm being long term consolidation of the deep weathered Mudstone. There are no known defects associated with differential settlement between the existing embankment and the existing piled bridge abutment, and the risk of differential settlement between the new embankment and new piled bridge is considered to be low.

There is no risk of settlement from new embankment loading influencing the existing raking piles of the south abutment as the new abutment is to the west of the existing.

The risk of any new embankment settlement adversely impacting on the live A46 is considered to be low and will be verified in Stage 5 design or Stage 6 monitoring during construction.



Figure 29: Section and Plan of the new and existing south abutments and wingwalls of Windmill Viaduct



The C3 service drawings indicate a low voltage Western Power cable running through the embankment beneath the existing A46 at Ch.0050 which may require a protection measure e.g. protection slab on top with compressible fill to absorb any settlement without directly loading the third-party asset. A detail will be confirmed in Stage 5 and reported in the GDR.

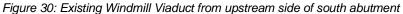
Balancing Ponds are proposed at Ch.0200 to the north of the new highway. The ponds will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H. Details of any required finishes e.g. pond lining or scour protection will be confirmed in the GDR.

## 7.6 B02N - Windmill Viaduct (new)

GFR [11] Figure 18 shows asymmetric raking H piles to abutments and wing walls and vertical H piles to piers, with a 42m main span and two 24m long end spans as illustrated below.

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The alignment of the new deck shall provide 2m clearance from the existing bridge deck for future maintenance access. The new abutment is set out to avoid a clash with existing H piles. Sheet piles provide scour protection and additional sheet piles will extend this protection to the new piers. The new deck will be steel, hence compressive load on the new piles is modest and pile section is controlled by the lateral loads and moments.

The recommended option for the Windmill Viaduct bridge foundations is piles for all piers and abutments of rotary bored or continuous flight auger (CFA) method. Outline design calculations indicates 8 piles per each support (pier or abutment) of nominal 900mm diameter and pile lengths approximately 17 to 20m, where adequate compressive ground resistance should be achieved irrespective of whether the piles toe into fresh grade I/II Mudstone or not.

Wing walls and abutment retained soils are expected to be granular fill materials, with typical earthwork embankment slopes of 1(V):2(H) to the south and strengthened earthworks of 70-degree to the north. The wing walls are to be RC piled 'L' walls in order to match the appearance of the existing structure. To rationalise piling equipment, it is likely that these will also be 900mm diameter with a wide longitudinal spacing.

Differential settlement of the new pavement between approach embankments and piled abutments is considered to be low risk as the new NB carriageways will generally be above the existing A46 embankment batter where soft ground was previously removed in proximity to the structure. There is a small area of fill to be placed beyond the footprint of the existing embankment behind the north abutment and vibro stone column ground improvement is proposed as illustrated in Figure 31.

There is a need to provide ground improvement beneath the toe of the new 70-degree strengthened slope to the northeast of the new northern piled wingwall, to mitigate the risk of undrained bearing capacity failure. However, this risk it not connected to the long-term performance of the new structure.



## 7.7 Embankment Ch.0335-0980

GI data beneath the footprint of this new earth structure comprises S3BH13, 2021 BH02, WS04, TP02, WS06, BH25, TP03, WS09, BH26, BH51, BH27, WS10, TP04, WS12, BH28, as illustrated in Figures A1 and A2.

Between the Windmill Viaduct and the Farm Access Underpass, widening of the north bound embankment is required. Fill height is approximately 7m at the Windmill Viaduct and reduces to a low point of 3m and then rises again to 4.5m at the crossing of the Accommodation Works Underpass where FRL is 15.1mOD.

At Ch.335 the new embankment loading may generate bending stresses in the raking piles to the existing north-eastern wingwall of Windmill Viaduct. However, the new fill will support the existing wingwall and hence these raking piles will become redundant.

Proposed extension of river bank sheet piling

RC wing wall

RC Return wall

Fig. Re

Figure 31: Proposed plan layout of NE wingwall to Windmill Viaduct and approach embankment

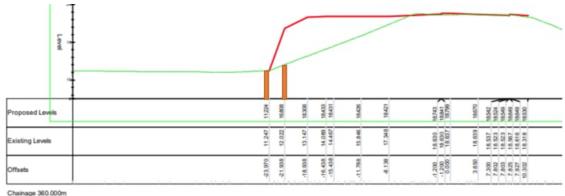
The GFR [11] indicates that the soft clay has been removed under the entire footprint of the existing embankment from Ch.335-475. This is consistent with the Ground Investigation data which indicates soft clay may be present beneath this part of the new embankment. Due to the depth and consistency of the soft clay and the height of the new embankment in the area beyond the footprint of the existing slope, Vibro Stone Column ground improvement (layout indicated by blue dots in the above Figure) is proposed to improve ground bearing resistance and speed up consolidation due to embankment loading to mitigate the differential settlement risk between new abutment and embankment.

Granular shear keys are not favoured due to the volume of excavated U1A material that would be generated and required to be disposed off-site. Staged construction is not favored at this stage, although this mitigation could be reviewed during detailed design when the Mass Haul is developed and impact of hold period at the mid height of the new embankment can be evaluated.

A sections at Ch.340 illustrates the zone of up to 7m of fill being placed behind the new north abutment where the ground has not been pre-loaded by the existing A46 embankment and a section at Ch.360 illustrates the need for stone columns under the toe of the new steep embankment slope where the existing batter (green line) has not provided significant pre-loading to the alluvial clays.



Figure 32: Sections at Ch.340 and 360 illustrating the indicative layout of vibro stone columns



Chainage 360.000m Alignment Name - S00\_ML\_A46



From Ch.0475 to 0980 the cohesive alluvium is not persistent and where present it is thin, and the consistency is typically 'firm', hence surcharge by a basal geosynthetic and starter layer is likely to provide the required margin of safety for ULS undrained checks. The 1991 GFR [11] shows that a 1.5m thick Starter Layer is present between +11.2 and +12.7mOD from Ch.0475 to 0980, but no shear key was provided, and no instability observed. The only precaution to mitigate undrained bearing capacity failure or undrained slope instability was to prevent excavation of toe drain following a hold period after completion of the embankment.

From approximate Ch.565-950 the crest of the new embankment is below 15mOD and therefore the embankment is too low to fit a reinforced soil slope between the top of starter layer (13.12mOD) and the underside of the upper 1V:2H slope 1m below finished crest level (13.8mOD). No ground improvement measures are proposed at this location.

Between the end of ground improvement (Ch.0475) and Ch.0565, and between Ch.950 and 980 the Finished Road Level will be above +15mOD and therefore a steep 70degree reinforced soil slope is proposed.

The steep 70-degree slopes will be a semi-flexible strengthened earthwork comprising TensarTech GreenSlope. EN 14475 [51] C.3.2.5 confirms that semi-flexible systems with deformable facing units, can deform vertically and accommodate moderate settlement of fill. Table C.8 shows that for a wire grid facing the limiting movement for transverse flexibility is 5% compressibility i.e. 300mm for a 6m high slope, whereas the predicted settlement under these structures is approximately 60mm, and significantly less where stone column ground improvement is provided.

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At the interface with the Underpass Ch.0950-0980 the new North-Bound carriageway will extend beyond the footprint of the existing embankment slope and therefore the inside lane may be subject to some differential settlement next to the piled extension to the structure.

Outline settlement calculations for Ch.980 predict approximately 60mm total settlement of which approximately 30mm is long term. Detailed design calculations will conclude if ground improvement is required or whether an observational approach can be implemented, whereby settlement monitoring would verify consolidation is complete before the new highway pavement is constructed. The figure below illustrates the indicative lateral extent of potential stone columns to 7mOD based on WS12 and 13, between Ch.0950-0980 on the approach to the piled Farm Access Underpass Extension (B02N).



Figure 33: Section adjacent to Farm Access Underpass Extension showing zone of ground improvement

Chainage 980.000m

Balancing Ponds are proposed between Ch.700 and 850 to the north of the new highway at an elevation above natural topography. The ponds will be approximately 1m deep (from crest of bund) and have a maximum gradient of side slopes of 1V:3H. Details of potential finishes (lining, sour protection) will be confirmed on the GDR.

## 7.8 B03N - Farm Access Underpass

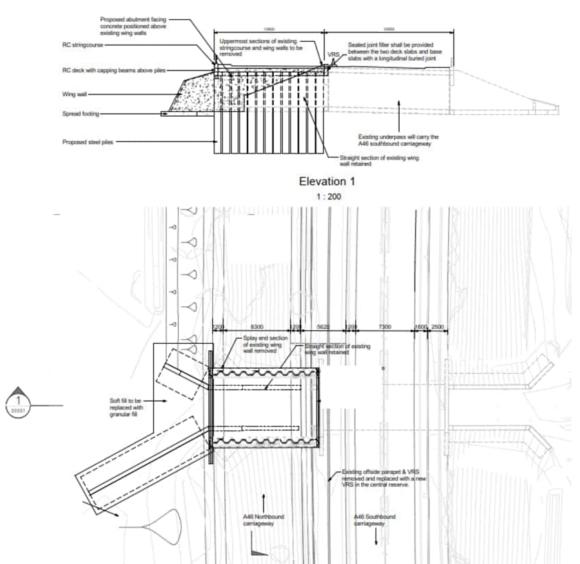
It is envisaged that driven steel piles will be used to support new abutments that span over the existing wing walls. This will avoid the need for a temporary working platform on the existing embankment slope. The preferred solution is to drive 2 pairs of sheet piles near the north end of the existing wing wall and then press remaining piles towards the existing underpass with a nominal 1m clearance between sheet piles and back of existing wing walls. If required, a 'supercrush' method can be used to pre-auger in advance of pile pressing. Pile section and length will be confirmed during detailed design.

There is an aspiration from National Highways to stitch the new structure to the existing in order the remove the maintenance liability of a buried joint. However, it may be difficult and expensive to achieve this. If the new deck becomes longer or deeper than the existing, it may not be possible to stitch the two together.

The figure below provides a sketch indicating the conceptual design.



Figure 34: Sketch GA of the proposed Farm Underpass Extension



The risk of new embankment loading adversely affect the existing underpass structure is considered to be low.

WS13, as illustrated in Figure A2, indicates the potential for compressible alluvium to 3m depth, beyond the footprint of the existing embankment slope.

The transition to the adjacent embankments requires consideration of differential settlement for the new North-Bound inside lane where the existing embankment has not provided a surcharge to consolidate shallow alluvium. Ground Improvement local to the structure is anticipated. It is likely that a similar ground improvement design will be required beneath the new wing walls, or alternatively excavation of soft clay and replacement with 6N fill, to manage differential settlement relative to the new piled structure. The indicative location of stone columns are shown in sections at Ch.980 and 1060, either side of the underpass extension.

SES Structures have been consulted about the previous preferred option of driven steel tubular piles but have not yet been consulted on the latest Structures Options Report where the proposed foundations have changed to 'pressed' sheet piles. The reasons for the change are to manage to the risk of ground borne vibrations adversely affecting the existing structure and to enable piles to be installed close to the existing



wingwalls in order to keep the span and depth of the new deck similar to the existing. The current proposal includes a movement joint between the existing and new deck which will be waterproofed.

### 7.9 Embankment Ch.0990-1445

Between the Farm Access Underpass and western Railway Bridge, widening of the north bound embankment is required. Fill height is approximately 6m at the crossing of the Accommodation Works Underpass rising to 9m at the railway bridge abutment at Ch.1445 where FRL's are 15.1 and 19.9mOD respectively. It is proposed that this embankment has steep 70-degree strengthened earthwork slopes, although immediately next to wing walls of the Farm Underpass Extension and Notts-Linc Railway Bridge West it may be necessary to have 1V:2H slope if the geogrid required for the construction of strengthened slopes conflicts with existing or new wing walls.

At typical section showing the prosed geometry at Ch.1060 is illustrated below.

1A above & behind 6i 6i strengthened 🗲 70-deg slope Level 6C layer to 12.76mOD on Triax & Seperator Indicative VSC layout 6 938 15.313 6.655 10515 1,614 3,605 15,110 xisting Levels 22.543 8.743 0000 24.271

Figure 35: Typical Section of Proposed Earthworks (Ch.1060). Green is existing A46. Red is proposed.

Chainage 1060.000m

GI data beneath the footprint of this new earth structure comprises 2021 BH29, 30, WS15, WS17, as illustrated on Figures A2 and A3.

The GFR [11] Figure 7 shows that the soft alluvial clay was replaced will granular fill under the full footprint of the existing embankment from Ch.1357 to 1445 and that a shear key was constructed under the toe of the embankment for 100m either side of the Farm Access Underpass at Ch.0980-0990.

It is proposed that ground improvement, e.g. vibro stone columns are used to smooth transitions of embankment to piled structures and minimise differential settlements, and to provide improvement beneath the new toe of batter where it extends beyond the footprint of the existing embankment slope. The extent of ground improvement may therefore be Ch.0990-1350 and Ch. 1400-1445. Alternative ground improvement solution, such as temporary surcharge and basal geosynthetic as illustrated in Figure 35, together with earthwork settlement monitoring will be considered during detailed design and may enable the majority of the stone columns to be designed out, if the construction program allows.

Between Ch.1350 and 1400 the new works will be constructed on the footprint of the existing embankment. Temporary works assessment will be required to cut into the existing slope to place new geogrids, for steep strengthened slopes. A basal geogrid beneath the adjacent haul road may provide the required short term support to the new embankment slope until porewater pressures dissipate, and this will be confirmed in detailed design.



Balancing Ponds are proposed between Ch.0990 and 1100 to the north and south of the new highway at an elevation above natural topography. The ponds will be approximately 1m deep (from crest of bund) and have a maximum gradient of side slopes of 1V:3H. Details of any potential linings or scour protection will be provided in the GDR.

## 7.10 B04N - Notts-Lincoln Railway Line West Ch.1445-1530

GFR [11], 8.11 and Figure 16 shows vertical H piles to piers of the existing bridge and shallow foundations to abutments and wingwalls were founded on gravel as illustrated below.

Figure 36: Image of existing Bridge B3 with proposed line of new Bridge B04N in orange

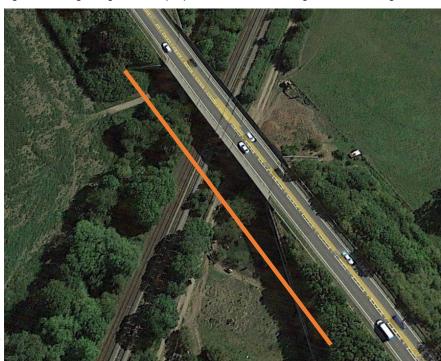
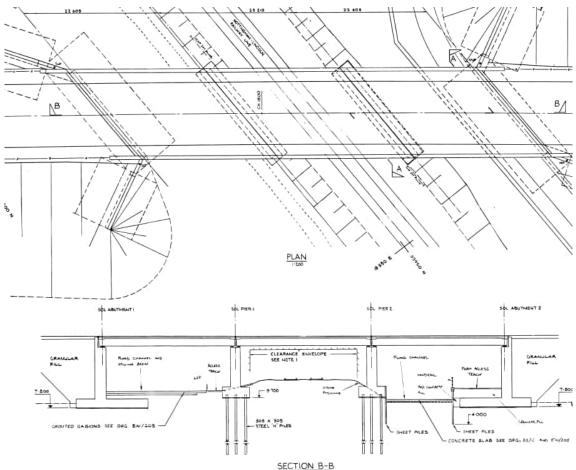






Figure 37: Extract from as-built GA drawing 3451/B3/01/A of bridge B3



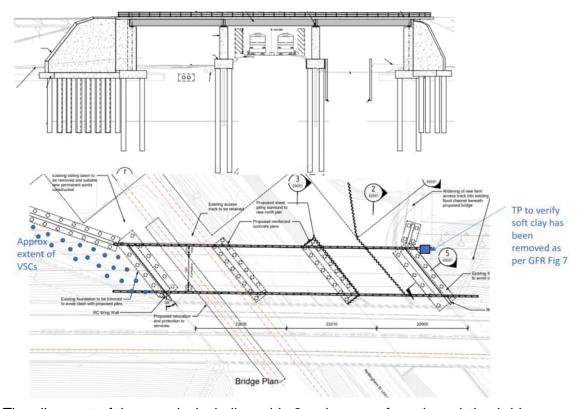
Scour protection by means of sheet piles to the piers and north abutment, grouted gabions between the south abutment and pier and a concrete lined flood channel between the north abutment and pier to protect the structure from high velocity flows through all spans during flood events, as illustrated in the extract from as-built drawing above.

The proposed arrangement of the new bridge is shown below and illustrates the following features:

- Relocation and protection of 11kV electric and telecoms cables between southern abutment and pier
- Removal of existing stilling basin and suitable new scour protection across the southern bridge spans, TBC in Stage 5
- New sheet piles to provide scour protection to north pier and abutment



Figure 38: Extracts of Structures 'Notts-Linc West GA', P02, 02.05.23



The alignment of the new deck shall provide 2m clearance from the existing bridge deck for future maintenance access. The new bridge will require piled foundations to all supports as it is not practical to excavate to the level of natural gravels for the new abutments without significant temporary works to stabilise the existing wing walls. The new deck will be concrete to match the appearance of the existing bridge. Due to the integral nature and geometry of the bridge, the abutment piles will be subject to high bending moments but low compression forces.

The recommended option for the Notts – Lincs West Rail Bridge piers are 880/780 rotary bored piles due to the need to use short sections of segmental casing in proximity to the railway and to avoid the risk CFA piles penetrating slowly through hard bands and smearing the shaft above. The bridge has a concrete deck, therefore compression loading on piers is higher than similar span steel deck structures, therefore pile length based on initial loads and a layout of 14Nr piles per pier is approximately 22m.

The initial loads indicate large moments on abutment piles, but low compression therefore pile sizes, based on 12Nr piles per abutment, are expected to be nominal 1050mm diameter and approximately 14m in length. Either CFA or rotary bored methods may be suitable.

Loads have not yet been generated for wingwall piles. It is likely that the new wingwalls will be piled to mitigate the risk of differential settlement relative to the abutments. Wing walls and abutment retained soils are expected to be granular fill materials, with typical earthwork embankment slopes of 1(V):2(H) above wing walls and transitions to strengthened earthworks of 70-degree away from the bridge.

Differential settlement of the new pavement between approach embankments and piled abutments is considered to be low risk and vibro stone column ground improvement will be used where the new northbound carriageway extends beyond the footprint of



the existing embankment, which is the case behind the south abutment but not the north.

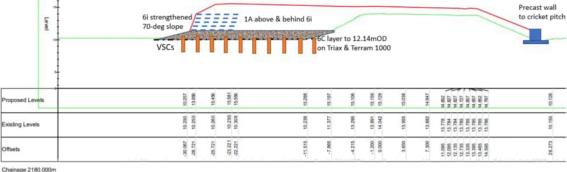
### 7.11 Embankment Ch.1530-2300

The current GA drawing shows a new retaining wall to the new southbound on slip carriageway between Ch.2140 and 2300 with a retained height up to 2.5m. The actual length of retaining wall required is only 50m in plan from Ch.2140-2190 with a retained height less than 1.5m and is required to prevent land take into the cricket ground. To the east of the Old Kelham Road, the land boundary is being investigated to confirm if there is sufficient space to construct 1V:2.5H slopes to the new SB on-slip and if necessary, a change to 1V:2H slope or local strengthened steep slope will be provided with geogrid reinforcement.

At the location of the new gravity wall, the maximum new embankment loading will be 30kPa and therefore settlement and bearing capacity checks are expected to confirm that a concrete gravity wall is a suitable solution. Due to the small extent of the wall a simple construction method is favored, such as a pre-cast 'Redi-Rock' or 'Legato' interlocking block wall.

A typical section is provided below to illustrate the proposed new earthworks.

Figure 39: Typical Section of Proposed Earthworks (Ch.2180). Green is existing A46. Red is proposed.



At Ch.2200 the Old Kelham Road was severed by the 1992 A46 Newark Bypass. To the east of the 'Old Kelham Road' there are 2Nr Severn Trent water mains and a Cadent medium pressure gas main. A buried Severn Trent water main crosses beneath the embankment at Ch.2250.

Open Reach cables are known to be located beneath the underpass at Ch.2200 and along the toe of the existing EB batter between Ch.2200 and 2300.

A Virgin Media cable runs along the toe of the new WB slip lane Ch.2100-2300.

Protection measures will be required to address ground borne vibrations during ground improvement and any generated ground movement. These could be in the form of isolation trenches for services that are shallow.

Protection slabs or other measures may be required to protect these buried services from settlement caused by new embankment loading. It is considered prudent to extend the southern service protection slab over the full length of the new block wall to mitigate the risk of flooding causing softening of formation and differential movement of the new wall.

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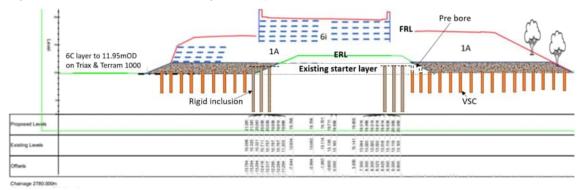
At the location of the proposed block wall Ch.2140-2190, there is an existing toe of batter drainage ditch. The detailed design will provide a solution for the new wall which does not adversely impact the current drainage system.

Balancing Ponds are proposed between Ch.1750 and 2000 to the north of the new highway at an elevation above natural topography. The ponds will be approximately 1m deep (from crest of bund) and have a maximum gradient of side slopes of 1V:3H.

#### 7.12 Cattle market earthworks Ch.2300-2900

The area of the Cattle market junction requires significant fill volumes both in terms of new height above the existing road and of new width, including slip lanes, which will load the flood plain well beyond the extent of the existing embankment. A typical section at Ch.2780 is shown below.

Figure 40: Section at Ch.2780 showing starter layers and reinforced earth. (Trees are to the south)



GI data beneath the footprint of this new earth structures comprise 2022 S3BH11, S3CPT19-39, 2021 BH06, 35, 36, 37, 38, 53, 57, 58, 59 and 60, WS26, 28, 31, TP10, 11, 13, 15, 16 and 20, 1978 BH221, 222 and 223 as illustrated on Figures A4 and A5.

Steep strengthened earthwork slopes are proposed for the northern slip lanes to minimise fill volume in the flood plain, whereas 1V:2.5H slopes are required to the southern slip lanes in order to facilitate planting for visual screening.

Initial calculations indicate that settlement up to 200mm would occur beneath the new embankment if no ground improvement was carried out. This would be too large for the foundation to reinforced soil walls to the mainline. In addition, the diversionary route (permanent southern slip lanes), does not have the option for a settlement hold period without the bridge construction to the new main line causing the overall construction program to be extended.

There would also be a risk of instability if the new embankments were built quickly due to the generation of excess porewater pressure that would exceed the strength of the soft alluvial clay, resulting in 'undrained' bearing capacity failure.

The conceptual design has evolved to provide reinforced soil wall embankments across the existing roundabout with short integral portal bridge structures carrying the new main line above the new low-level roundabout.

Following advice from a specialist ground improvement contractor, the preferred option is to use vibro stone columns to improve the ground beneath the new embankments and rigid inclusions with load transfer platform beneath the reinforced soil block (Tensar TW3) walls where BS 8006-1 Table 17 indicate the maximum allowable differential settlement is 1 in 100. The extent of rigid inclusions shown in green shading below, is based on providing support to reinforced soil block walls greater than 1.5m in height. Calculations will be carried out during detailed design to establish what height

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of wall can be supported on stone columns and meet the required SLS limit and the extents of different forms of treatment illustrated below may then require some adjustment.

The vibro stone columns will provide a soil improvement factor in the cohesive alluvium of typically 2 to 3 depending on the column spacing, which provides an increase in margin of safety with respect to ULS calculations and reduces total settlement. They also provide new drainage paths which accelerate the consolidation settlement of the alluviual clays so that long hold periods will not be required between completion of earthworks and start of pavement construction to mitigate differential settlement adjacent to piled bridges.

The main challenge to this method is the penetration of the existing dense granular embankment in order to treat the soft alluvium beneath. This would require pre-boring ahead of vibro works with a CFA piling rig or similar plant. The approximate extent of stone columns, pre boring and rigid inclusions is illustrated in the figure below. Detailed design calculations will be carried out to smooth the predicted settlement profile by adjusting the spacing of stone columns from approximately 1.5 to 2.5m cc.

CATTLE MARKET JUNCTION

AND ELEVATED TO PASS OVER AN ENLARGED ROUNDABOUT AT CATTLE MARKET

WSC's without pre-bore to 7mOD (length "4m), Dia nom 0.6m. Grid 1.5 to 2.5m cc (average 2m cc)

As above but with pre-bore through dense 1A Fill

0.35m dia rigid inclusions to 2mOD @ 1.5m cc, flared heads 0.75m dia.

Figure 41: Sketch illustrating extent of ground improvement at Cattle Market Junction

Stone columns will be concentrated under the slip lanes where the flood plain has not been subjected to surcharge consolidation from the existing A46 embankment and close to the new structure/s where embankment height is greatest.

2 layers of geo-grid for load transfer platform

Balancing Ponds are proposed between Ch.24500 and 2900 to the northwest, northeast and southwest of Cattle market junction at an elevation above natural topography. The ponds will be approximately 1m deep (from crest of bund) and have a maximum gradient of side slopes of 1V:3H.

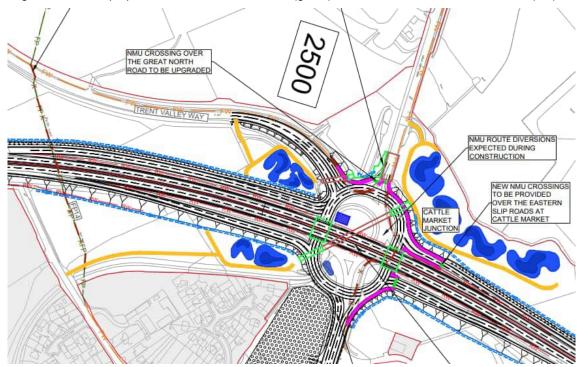
## 7.13 B05N & B06N - Cattle Market Junction Bridges

For the proposed 18m span steel deck integral bridges B05N and B06N it is expected that foundations will comprise 900mm diameter CFA piles. Details of the proposed walls and bridges are shown in plan in Figure A5 together with the relevant ground investigation data.



The current pile layout is two rows of 10 piles, for a total of 20 piles for each abutment, however this may be optimised during detailed design. For the current pile layout, the length of the piles is expected to be approximately 15m in depth to achieve a 1 to 2m socket into Mercia Mudstone. A Plan illustrating the location of the proposed Cattle Markets bridges and extensions to existing culvert is shown below.

Figure 42: Plan of proposed Cattle market structures (green) and reinforced soil walls to main line (red)



Between the two new bridges Tensar TW3 Reinforced Soil Walls are proposed, with near vertical 85° faces. Bored piles either side of the culvert supporting a protection slab above are proposed in order to prevent a wide area of new 10m high embankment loading generating settlement within the sands and gravels underneath the existing flood relief culvert that runs beneath the roundabout as shown in the figure below and protect the culvert from differential settlement beneath the face of the new walls.



Figure 43: Sketch section illustrating the proposed culvert protection slab at Cattle market

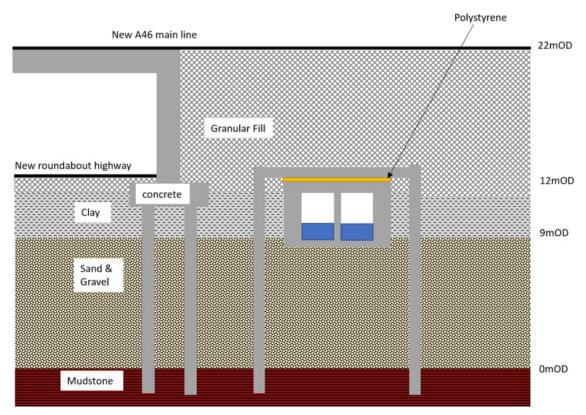


Figure 44: Existing culvert beneath Cattle market Roundabout (looking at the north outlet)



A risk at this location is differential settlement between the new structures B05N & B06N and adjacent embankments. The consolidation settlement of the alluvium will be addressed by extensive ground improvement. It is expected that settlement will be largely 'built out' during the filling operations due to stone columns providing accelerated drainage paths and reduction of consolidation time, and monitoring will be carried out to confirm that a fully flexible pavement can be constructed adjacent to the bridges and a minimal hold-period between earthworks and pavement operations is expected to be acceptable.



At this location BH06 and S3BH11 indicate approximately 1m thickness of completely weathered stiff mudstone above engineering rockhead and therefore deep consolidation settlement is expected to be minimal.

## 7.14 Embankment Ch.2900-3065

Between the east end of the Cattle Market Slip Lanes and the Nott-Linc Rail Bridge East the new embankment loading will only be significant to the north of the existing embankment. The new earthworks will comprise steep strengthen earthworks slopes up to 8m high, loading the ground beyond the footprint of the existing embankment.

GI data beneath the footprint of this new earth structure comprises 1978 BH110, 223, 224 and 225, 2021 BH07 and 2023 S3BH10, as illustrated in Figures A5 and A6.

Figure 41 shows stone column ground improvement to mitigate the risk of slope failure due to exceedance of undrained bearing capacity; however, the exploratory holes in this area indicate minimal clay (maximum depth 1.2m) and therefore an opportunity may exist for some stone columns to be designed out in due course or replaced by a very shallow granular shear key.

A cross section of the proposed earthworks at Ch.2900 is shown below:

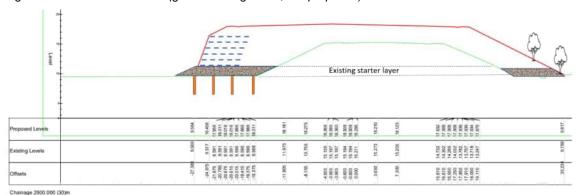
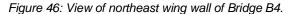


Figure 45: Section at Ch.2900 (green existing levels, red proposed)

## 7.15 B08N – Notts-Lincoln Railway Line East Ch.3065-3085

The existing bridge will be widened on the north side to accommodate the new north bound carriageways. The north side of the existing bridge is illustrated in the image below.







Note recent tamping and regrade of eastern track beyond toe of batter where deep soft clay is present

The widening of the northwest abutment will be with mini piled foundations. The new loads have not been generated at this point in time, however it is expected that the foundation system will comprise a small number of 450/508mm diameter rotary bored piles or 450mm diameter CFA piles constructed using a small rig.

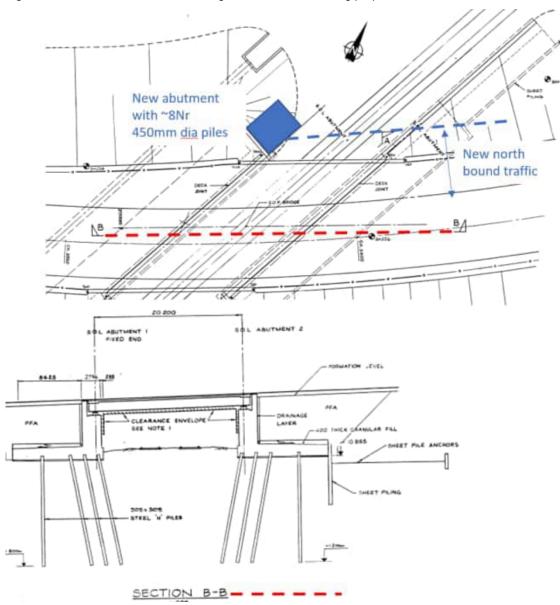
The GFR [11] Figures 4, 8 and 16 shows a deep alluvial channel to the east of the tracks and information indicates that up to 5.5m depth of very soft clay was removed and replaced with granular fill, utilising tied sheet piled walls to provide temporary excavation support. As built drawings 3451/B4/01A, 3451/B4/11A provide details and indicate ties extend to deadman anchors approximately 25m behind the abutment and wing walls. The drawings indicate that 4 piles have been load tested, however the load / settlement results of these tests cannot be located.

The new highway alignment can be accommodated on the footprint of the existing bridge abutment without loading the existing north east wingwall which is supported on a lower density of piles.

Extracts from the as-built drawing are shown to illustrate the existing constraints.



Figure 47: Plan and section from drawing 3451/B04/01A showing proposed new works in blue



An assessment of the possibility of reusing existing foundations for increased load is required in order to confirm if foundation strengthening to the NE abutment is required. An initial assessment indicates that there is currently some redundancy in the existing foundation design; however, existing and new bridge loads must be generated before this exercise can be completed to verify the load increase is sufficiently small to confirm the feasibility of reusing the existing foundations. The detailed assessment of reusing existing foundations for increased load will be in accordance with Ciria C653 [54] 'Reuse of foundations' 2007.

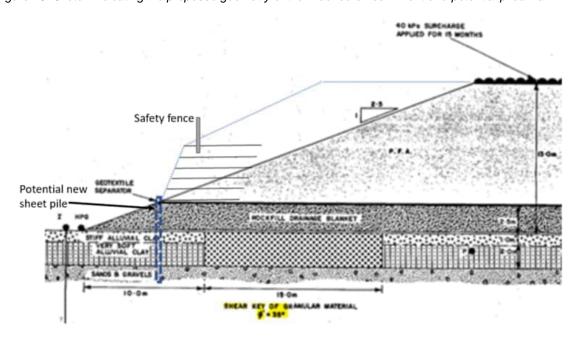
The existing northeast wing wall will require works to enable an increase in height of backfill, which may be carried out by strengthening the structure or by use of lightweight 'Leca' fill, to avoid increasing the active soil pressure on the wall. The preferred option at this stage is to thicken the wingwall rather than use 'Leca' fill.



#### 7.16 Embankment Ch.3085-3565

Options considered to avoid widening the footprint of the embankment, which in turn would require diversion of a major third-party water pipe, include having a steep reinforced soil slope or a piled retaining wall. The change to alignment fix 3C has caused a potential new retaining wall to become unfeasibly large, therefore a steep strengthened slope is proposed which will be constructed from the top of the starter layer as illustrated in the figure below.

Figure 48: Sketch indicating the proposed geometry of the widened embankment and potential piled wall



GI data beneath the footprint of this new earth structures comprise 2023 S3BH09, S3CPT10-15, 2021 BH08, BH42, 1978 BH111-112 and 227A-229 as illustrated on Figure A6.

The lower steep strengthened slope will be placed above flood level and will have a green low maintenance finish. The temporary stability of the PFA embankment is expected to be favorable when temporary excavations into the existing embankment slope will be required to fit the lower layers of geogrid.

Detailed design will establish the margin of safety regarding bearing capacity and deep slope instability. If the assessment fails, a new sheet piled wall will be required to support the toe of the embankment. The upper part of the slope will have 1V:2H gradient with shrub planting to enhance biodiversity.

The British Sugar intake pipe runs close to the toe of the existing embankment slope and therefore the proposed works intends to avoid new loading impacting on this thirdparty asset.

Balancing Ponds are proposed between Ch.3600 and 3700 to the southeast of the new highway at an elevation above natural topography. The ponds will be approximately 1m deep (from crest of bund) and have a maximum gradient of side slopes of 1V:3H.



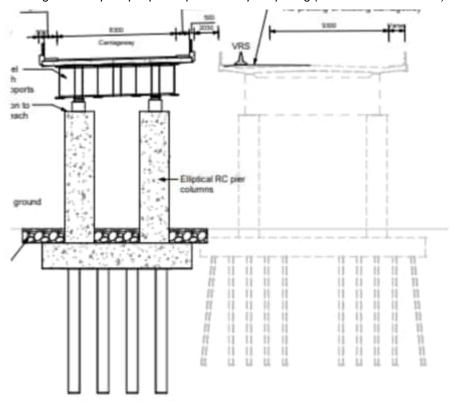
#### 7.17 B09N – Nether Lock Viaduct Northbound Ch.3565-3935

Conceptual designs for the Nether Lock Viaduct foundations indicate groups of approximately 10Nr nominal 900mm diameter CFA or rotary bored piles to each pier and abutment following historical solutions to comparable structures. No pile design has been undertaken at this stage.

As built drawing 3451/B5S/11-C confirm that the existing south abutment piles only rake parallel to the deck and therefore will not be influenced by pile instillation or embankment loading from the new structure which will be provided to the north with a 2m clear distance between new and old bridge decks. The existing piers have piles which rake both parallel and perpendicular to the deck, however the transverse rake is only 10V:1H, therefore the toe of the existing H piles projects less than 1m horizontally from the top of the pile i.e. approximately 200mm beyond the footprint of the existing pile cap. For a low vibration cast in-situ pile method the instillation of new piles is not expected to have any adverse effect on the existing as a minimum 3D (2.7m) clear distance can be provided between new and existing piles at the closest point.

A 65m span steel deck bridge is proposed to continue the Nether Lock Viaduct over the East Coast Main Line and chord to the Nott-Linc railway. As built drawings 3451/B5S/12A and 3451/B5S/13/A show that the western (junction) abutment and the eastern abutment have vertical H piles. The existing north abutment wing wall has raking piles that protrude under the new embankment widening, but these will become redundant as the new fill will support the existing wall. This is illustrated by the section at Ch.3900.

Figure 49: Development of drawing HE551478-SKAG-SBR-SECT2-B09N-CB-00001-P02 Section 3 showing 8Nr new piles per pier to provide 3D pile spacing (and minimal interaction) to the existing piles



A drawing (HE551478-SKAG-SBR-SECT2-B09N-CB-00001-P02) is provided in Appendix G to show the plan and section details of the new structure and existing. Elevation 3 shows the clearance from the existing 10:1 biaxial raking piles to -0.6mOD,



to Pier 2 based on as-built drawing 3451/B5S/11C. A detail of the north side of the exiting Pier 2 is shown in Figure 49. Currently the appended drawing show only 1.5 x D (base on 10Nr 0.9m diameter bored piles), so adjustment will be required at detailed design stage on the new pile layout where the new piles do not extend beyond the lateral extents of the new piers in order to provide 3D clear spacing. It is likely that 8Nr 0.9m dia piles or 10Nr 0.75m dia piles per pier will provide an adequate solution.

Mono piles of circa 2m diameter under each pier have been considered due to a potential cost saving by deleting the need for pile caps, but this is not the proposed solution as the bulbs of pressure in soil from skin friction would interact with the existing biaxial raking H piles.

#### 7.18 Embankment Ch.3900-4110

It is proposed that the new steep embankment is widened by means of a steep strengthened 70-degree slope founded on the existing granular starter layer near the toe of the existing slope, as illustrated below. As the new strengthened slope is built upwards the Class 1A general fill will also be built up concurrently and compacted against the existing concrete wall shown in Figure 50 below.

Figure 50: Section & Image at Ch.3900 (red = finished levels)



Temporary stability of the PFA embankment (up chainage of the existing wall) should be favorable when excavation into the existing embankment slope will be carried out to fit the lower layers of geogrid.

Ground conditions are generally favorable for formation to a new high embankment, with a dominance of granular Made Ground and Alluvium, however settlement and porewater pressure monitoring will be required to confirm the new embankment remains stable during short term (undrained) conditions and a temporary toe surcharge or hold period may be required, or alternatively a piled toe wall could be provided.

The current alignment shows a short section (Ch.3900-3930) of extensive fill loading adjacent to the existing retaining wall. Existing GI (BH12, SBH08) indicates favorable ground conditions for bearing capacity, however pre-earthworks trial pits through this area are recommended to confirm the nature of any mitigation measures. From Ch.3930 to 4110 the new fill is directly above the existing embankment slope and therefore new loading is reduced and underlying soils have been subject to 32 years of surcharge ground improvement, hence temporary surcharge by the haul road may suffice, subject to confirmation by detailed design calculations.

Chainage 3900.000 (40)m



Key risks in this area are the presence of contaminated ground (2021 WS46 and 2023 S3BH05-07) and the presence of buried services. The excavations into potentially contaminated soils near WS46 comprise a possible protection slab to a Severn Trent Water combined gravity sewer which crosses beneath the new works at Ch.4000. Further details are provided in the Contaminated Land Risk Assessment ref HE551478-SKAG-EGN-CONWI CONW-RP-LE-00046.

# 7.19 B11N - Sewage Works Access Underbridge Ch.4110-4125

The as built drawings indicate the existing underpass is founded on spread footings bearing onto the granular alluvium, hence it is expected that the new widened structure will have a similar foundation detail with new spread footings founded on 6N fill placed on the alluvial gravels at approximately +7.1mOD, as indicated on as bult drawings 3451/B6/01A and 3451/B6/21A. Temporary sump pumping may be required to keep the foundation excavations dry and temporary trench support may be required to form the 'dig-and-replace' ground improvement to manage the risk of destabilising the existing wing walls. This proposal will not eliminate short term settlement in the sands and gravels and therefore a buried joint will be required between the existing and new structures.

If National Highways require stitching of the new structure to the old, a mini piled solution will be required to mitigate differential settlement by transfer loading to the grade I/II rock at approximately 0mOD (15m depth). A CAPEX and OPEX costing exercise will be carried out within the structures options report to confirm the form of the new foundations.

An image showing the north side of the existing underpass is shown below.



Figure 51: View of existing Underpass looking southwards

The GA for the preferred Option 1 (with spread footings on 6N fill to the base of the cohesive alluvium ~7.1mOD) is shown in Appendix G. The current proposal includes a movement joint between the existing and new deck which will be waterproofed.

#### 7.20 Brownhill Embankments Ch.4125-4500

It is proposed that the new embankment from Ch.4125 to approximately 4300 is widened within the footprint of the existing by means of a steep strengthened 70-degree slope founded on the existing granular starter layer (11.6mOD) near the toe of

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the existing slope. From approximately Ch. 4330 to 4500 the new slopes will be low height and maximum 1V:2H gradient.

GI data beneath the footprint of this new earth structures comprise 2021 BH47, 14, WS48, 50A and 54 and TP27, and 1978 BH236 and 237 as illustrated on Figures A7 and A8.

Soft compressible alluvium is encountered beneath the toe of the existing embankment and therefore consideration of ground bearing resistance and slope stability for the new embankment loading will be required during detailed design.

Temporary surcharge by adjacent haul road will provide confinement and some protection against 'undrained' bearing capacity failure, however it is likely that small shear keys will be required. Toe sheet piles and vibro stone columns are not feasible due to the numerous buried services crossing this area.

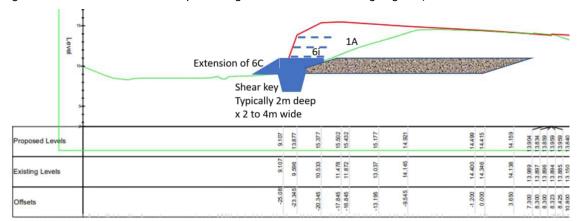


Figure 52: Section at Ch.4300. Proposed alignment in red and existing in green)

From Ch.4330 to 4500 the new embankment loading is small and generally applied on top of the existing 1V:6H earth structure which has provided surcharge improvement to the underlying soft alluvium. Detailed design will consider if a shear key can be omitted in this area and stability provided by a slacker slope or temporary toe surcharge.

The following works are currently envisaged and will be confirmed in the GDR.

- i) Diversion of the Open Reach service which runs along Quibells Lane and then east along the highway land closure to the railway boundary.
- ii) Potential protection slabs over the 11kv feeds that cross under the A46 and railway at Ch.4200. There will also be a new drainage ditch and maintenance track along the toe of the embankment.
- iii) Potential for protection slab over Severn Trent Water main at Ch.4400.

Balancing Ponds are proposed between Ch.4600 and 4700 to the north of the new highway where the alignment runs at grade. The ponds will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H.

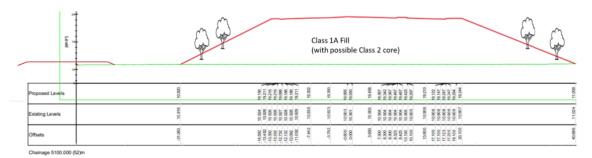
#### 7.21 Embankment Ch.4850-5140

A traditional general fill embankment with planted 1V:2.5H slopes is proposed for the new main line as it leaves the current alignment and rises towards the new crossing over the A1. Ground conditions are favorable and less than 80mm total settlement is expected, the majority of which will occur during construction and can be built out during works and less than 20mm being long term consolidation. There are no significant geotechnical risks for this earth structure other than differential settlement if



the Brownhill's Underpass is piled as per option a) in the next section. A typical section at Ch.5100 where fill height is 8.3m is illustrated below.

Figure 53: Section through proposed slip lane and new A46 embankments at Ch.5100



A Balancing Pond is proposed at Ch.5100 to the south of the new highway. The pond will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H.

#### 7.22 B13N - Brownhill's Junction Underbridge Ch.5150

A new underpass is required at Ch.5150 to accommodate the new Brownhill's Junction Road between Bridge House Boarding Kennels, new EB off-slip and the existing A46 junction to Newark.

The structure will be an integral reinforced concrete portal structure.

The options for the Brownhills underpass foundations include CFA piled foundations, shallow foundations and a piled raft with short settlement reducing piles.

- a) Based on initial loads, a piled solution would comprise CFA piles of 900mm diameter, approximately 17m long arranged in two rows of 12 piles each, for a total of 24 piles per abutment.
- b) Widening the 4m wide pile cap in option a) to approximately 6m width, creating a shallow foundation. This will form a gravity wall 'heel' under the approach embankment to generate an even base pressure. Most of the settlement will be 'built out' before pavement construction and any long-term settlement in the weathered mudstone will then be similar under the structure and embankment.
- c) A third foundation option may be a piled raft where short piles (approximately 8m length for 1.2m diameter) can be designed to carry structural loads as per option a), but a large proportion of the compressive ground resistance is derived from shallow bearing resistance of the pile cap and SLS pile group settlement (and differential settlement between abutment and embankment) will be mid-way between options a) and b).

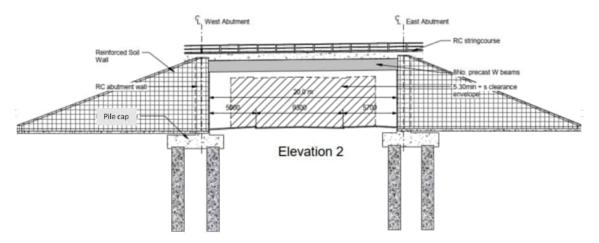
A key risk at this location is differential settlement between the new structures and earthworks. Due to the wide area of new embankment loading, consolidation settlement of the stiff weathered mudstone may not have fully settled at the time the pavement is constructed.

Flood modelling indicates design flood level is similar to underpass formation level, therefore the AIP is currently in progress based on a preferred option of spread footing foundations with RC 'L' wall and the option for reinforced soil will not be progressed. The abutments balance the earth pressure moment with the weight of fill on the heel of the walls as illustrated below, to achieve an even base pressure.



The drawings are currently being updated to reflect a change from reinforced soil wing walls to reinforced concrete wing walls.

Figure 54: Longitudinal section through Brownhills Underpass



Initial settlement calculations for a spread footing option indicate total settlement less than 80mm, but most of this can be built out by the loading of 6N backfill before the deck is cast, and it may be possible to limit long term settlement to 25mm and differential settlement between each abutment to less than 10mm. However, short piles have been added to the Structures Options Report to maintain a similar basis of design to the new A1 Crossing foundations.

Settlement monitoring will be required to confirm ground movement is within the bounds of predictions, and a contingency plan provided, for example temporary surcharge being applied to generate further short-term settlement and reduce the required settlement period between completion of earthworks and construction of pavement. Detailed design will confirm the pile lengths, the duration of settlement monitoring periods and contingency plans, for example temporary surcharge and / or geogrids beath subbase to protect the pavement from differential settlement.

#### 7.23 Embankment Ch.5160-5240

A traditional general fill embankment with 1V:2.5H slopes up to 11m high and planting are proposed for the new main line as it leaves the current alignment and rises towards the new crossing over the A1. Initial calculations predicted total settlement of 90mm with 55mm occurring during construction and 35mm being long term, associated with a deep thick layer of stiff grade IV mudstone. Due to the deep pressure bulbs and long drainage path, consolidation is expected to occur very slowly at this location.

Balancing Ponds are proposed between Ch.51600 and 5240 to the south of the new highway. The ponds will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H.



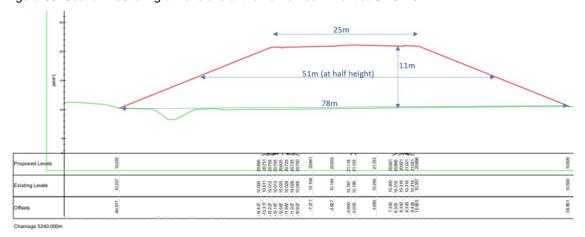


Figure 55: Section illustrating dimensions of the new embankment at Ch.5240

#### 7.24 B17N – A1/A46 Crossing Bridge Ch.5240-5330

The options for the A1 bridge foundations are deep CFA piled foundations, shallow foundation and a piled raft.

Based on initial loads, a traditional piled solution would comprise CFA piles of 900mm diameter and approximately 20m long arranged in two rows of 13 piles each, for a total of 26 piles per abutment. This option is not recommended due to the potential need for a long settlement period to manage the risk of differential settlement.

It is proposed to widen the 4m wide pile cap in option a) to approximately 6 to 7m width by forming a gravity wall 'heel' under the approach embankment to generate an even base pressure. A large portion of the settlement can be 'built out' from backfill loading before the deck is placed and further settlement can occur prior to pavement construction. For a spread footing solution any long-term settlement in the weathered mudstone will then be similar under the structure and embankment, and differential settlement is therefore considered to be a low risk.

A third foundation solution may be a piled raft where short piles can be designed to carry structural loads as per option a), but a proportion of the compressive ground resistance is derived from shallow bearing resistance of the pile cap and SLS settlement will be mid-way between options a) and b). For this option, negative skin friction will add short term load to the piles, but any additional pile group settlement caused by this will help to reduce the differential settlement between the pile group and the adjacent embankment.

A key risk at this location is differential settlement between the new structures and earthworks. Due to the wide area of new embankment loading and long drainage path through the stiff completely weathered mudstone, consolidation settlement of the stiff weathered mudstone at +7 to -7mOD will not have completed at the time the pavement is constructed. The depth and extent of weathered mudstone is particularly onerous at this location compared to the rest of the site, as illustrated by soil descriptions and SPT values in BH15, 67, 68 and S3BH01 and 02.

This bridge will not be integral due to the skew and has a long span therefore a total settlement of 50mm and a differential settlement up to 25mm can be accommodated. The pavement and other finishes will have tighter SLS settlement tolerances than the bridge deck and a hold period is expected after the deck is installed and before the finishes are constructed.

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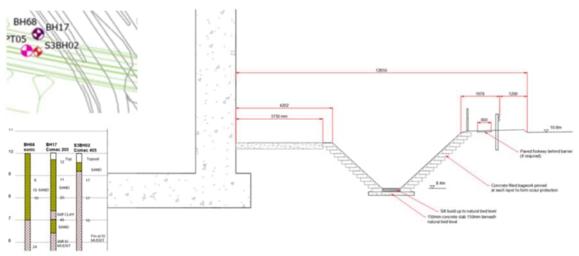


Monitoring will be required to confirm settlement is within acceptable limits, before the pavement and finishes are constructed.

The peak water level for 1:1000yr event is 11.23mOD and for 1:100yr + 39% climate change is 9.9mOD. The peak velocity in the Dyke is predicted to be less than 1m/s.

The current proposed arrangement for the south abutment is shown below to illustrate the proximity of the realigned Slough Dyke. The current proposal to mitigate risk of seepage from the Slough Dyke or surface water impacting on the spread footing of the south abutment is to use concrete filled bags for scour protection and a concrete slab between the abutment and the dyke.

Figure 56: Details of the proposed South Abutment arrangement for the new A1 crossing



A review of Travis Morgan A46/A17 Geotechnical Report (1987) illustrates the risk of embankment loading generating differential settlement with respect to a piled bridge abutment.

The B7 Farm Accommodation Overbridge to the A17 approximately 1km east of this structure is founded on spread footings, with approach embankments reaching a height of 7m. The Travis Morgan A46/A17 Geotechnical Report (1987) section 4.05-4.14 states the following:

- "Settlement of the structure's foundations will be influenced by the approach embankments. Consideration should be given to constructing the 7m high approach embankments prior to the bridge deck slab."
- "Long term settlements due to the structural and embankment stresses within the underlying Keuper Marl IVa and III are difficult to predict due to uncertainties with regard to c<sub>v</sub> and m<sub>v</sub> and thickness of strata."
- However, the embankment and structural arrangement will stress the whole area around the bridge, resulting in fairly uniform overall settlements, possibly of the order of 50 to 100mm. A considerable portion of this could well occur rapidly (possibly even before the deck slab is cast) and differential settlements are considered unlikely to be problematic."
- "ground loadings of up to 150kPa are likely. The width of the embankment will be approximately 35m at it's base near the structure. Consequently applied embankment loading will affect both the granular soils and the underlying Keuper Marl to significant depths."
- "predicting c<sub>v</sub> and m<sub>v</sub> values for Keuper Marl is affected by uncertainty of selecting appropriate compressibility parameters, and the difficulty in estimating



the thickness of the various weathered types of Marl, making accurate assessment of settlement impossible. However, providing the embankment is constructed before the bridge deck slab, differential settlements should be relatively small." The Travis Morgan GFR (1991) section 8.11 states that the B7 abutments were founded on the gravel stratum and that settlements monitored during construction were generally of the magnitude envisaged at the design stage".

As built drawings of the existing A46 over A1 bridge (1964) contained in the 2020 principal inspection report show the presence of spread footing foundations to the closest bridge to the proposed new A1 crossing. There is however a 1962 drawing for the same pair of bridges showing piled foundations. This structure is very close to the proposed A1 crossing B17N and a review of historical information has cast doubts on the form of the foundations.

The presence of the Slough Dyke is currently perceived as being a risk to shallow foundations. Therefore, the stage 3 Structures Options Report will conclude that a piled raft (piles circa 1.2m dia at 3D c/c and 8m length) and extended settlement hold period are provided, as well as RC wing walls with short settlement reducing piles. The SES review of this Structures Options Report is ongoing and any changes to the foundations will be documented in the GDR.

#### 7.25 Embankment Ch.5330-5700

A traditional general fill embankment with 1V:2.5H slopes and planting are proposed for the new main line the new A1 bridge and the grade section of highway up to Winthorpe Junction. Ground conditions are favorable and less than 90mm total settlement is expected with a large portion of this occurring during construction.

Balancing Ponds are proposed between Ch.5330 and 5500 to the north and south of the new highway. The ponds will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H. A section at Ch.5340, confirms the new embankment is 11m high with a finished road level 21mOD. The geometry of this section is almost identical to Ch.5240 which is shown in Figure 55.

#### 7.26 At Grade Ch.5700-6865

From Ch.5700 to 6865 the new highway runs at grade (embankment less than 1m above existing ground level). Several landscape bunds are located to the north to provide screening for the residents of Winthorpe and attenuate road traffic noise. The bunds shall be 2m in height and have 1V:3H slopes and may be constructed with general fill or a specified quality of Class 4 landscape fill subject to slope stability verification during detailed design. The bunds will have planting to further enhance their screening function.

Balancing Ponds are proposed between Ch.5800 and 6000 to the north of the new highway. The ponds will be approximately 1m deep (below existing ground level) and have a maximum gradient of side slopes of 1V:3H.



### 7.27 Embankment Summary

Table 31 presents a summary of earth structures (embankments) with respect to geometry, slope stability, ground improvement, geosynthetics, soil retention and indicates the scope of SGM or AIP's to be completed in the next design stage.

Table 31: Emb	pankment Summary	
Chainage	Slope Gradient, & max height	Special Geotechnical Measure or Approval in Principle
0000-0245	1V:2H, 7.1m	Cat 2 sheet piled wall EB Ch.60-150.
0335-0980	1V:2H and 70-deg, 7.4m	Vibro stone columns EB Ch.335-475 and Ch.950-980 to 7mOD over zone between new and existing toe of batter.
		70-deg strengthened EB slope Ch.355-565
0990-1445	1V:2H and 70-deg, 9.6m	Vibro stone columns to wing wall of underpass extension and EB Ch.990-1350 and Ch.1400-1445-to 7mOD over zone between new and existing toe of batter.
		70-deg strengthened slope EB Ch.1000-1400
1530-2300	1V:2H, 9m	Cat 1 gravity wall to SB toe Ch.2140-2190
		70-deg strengthened NB slope Ch.1540-2300
2300-2570 slip lanes	1V:2.5H on southern slips, 1V:2H and 70-deg on northern, 8m above current fill level	70-deg strengthened EB off slip slope Ch.2300-2450
		Vibro stone columns and Rigid Inclusions as per Figure 41
2300-2570	85-deg, 8m above current fill level	Cat 2 85-deg reinforced soil walls 2300 to 2570
		Vibro stone columns and Rigid Inclusions as per Figure 41
2590-2670	85-deg, 8m above current fill level	Vibro stone columns and Rigid Inclusions as per Figure 41. Potential piled protection slab Ch.2600-2630
2700-3020	85-deg, 1V:2.5H on WB, 1V:2H and 70-deg on EB, 8.5m	Cat 2 85-deg reinforced soil walls 2700 to 2900
		70-deg strengthened EB slope Ch.2900-3020.
		Vibro stone columns as per Figure 41
2720-2965 slip lanes	1V:2.5H on southern slips, 1V:2H and 70-deg on northern, 8.5m	70-deg strengthened EB on-slip slope Ch.2740-2965.
		Vibro stone columns as per Figure 41
3085-3565 Rail Bridge to Viaduct	1V:2H and 70-deg, 7.5m with small height of new fill on side of 13m high batter	70-deg strengthened EB lower slope Ch.3085-3565.
		Possible toe piled wall Ch.3100-3565
3935-4110	1V:2H and 70-deg, 11.1m	70-deg strengthened EB lower slope Ch.3935-4110.
Viaduct to WWTW U/pass		Possible toe piled wall or temporary toe surcharge Ch.3935-4110.
4125-4500	1V:2H and 70-deg, 6.3m	70-deg strengthened EB lower slope Ch.4125-4300.
		Granular shear key to 2m depth Ch.4125-4300
4500-5120 EB off slip & main line to U/pass	1V:2.5H, 8.5m	Reinforced soil wing walls to Brownhills Underpass



5150-5240 Underpass to A1	1V:2.5H, 11m	Reinforced soil wing walls to A1 Bridge
5330-6865 A1 to Winthorpe Jn	1V:2.5H, 11m	Small traditional embankment and works at grade

#### 7.28 Pavement Foundations

It is currently assumed that long term equilibrium CBR values on top of new Class 1 embankments will be 10% and for new highways at grade long term equilibrium CBR values will be 3%.

#### **7.29 Ponds**

For all balancing ponds, it is desirable to hold some water through dry periods to minimise desiccation cracking and adverse aesthetic or biodiversity impacts. Where ponds are formed in granular drift soils it is proposed that a temporary over excavation will be carried out and a nominal 0.5m thickness of compacted intermediate or high plasticity Class 2A fill placed as a mineral liner. Further details of ponds and liners will be developed during detailed design and any changes documented in the GDR.



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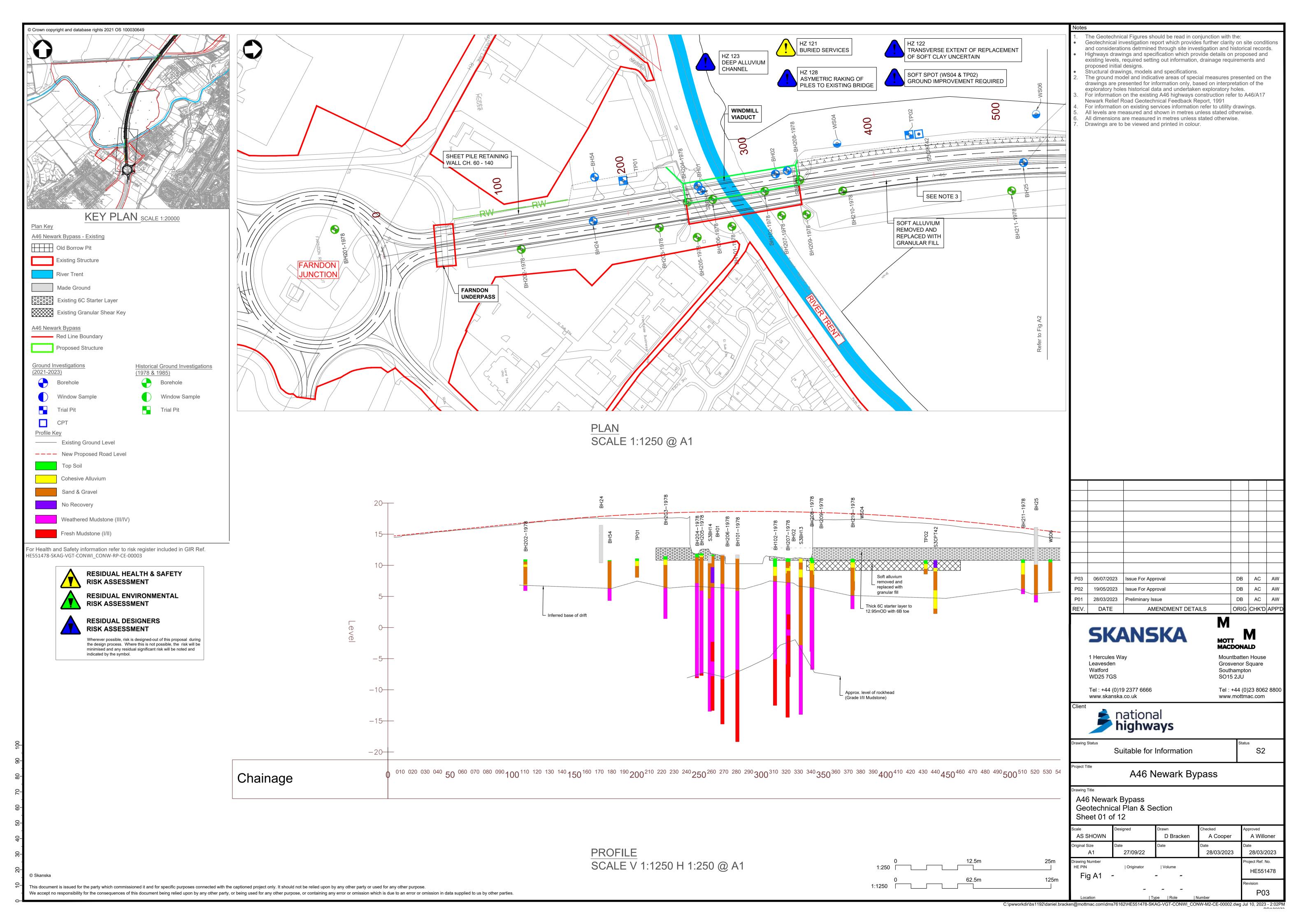
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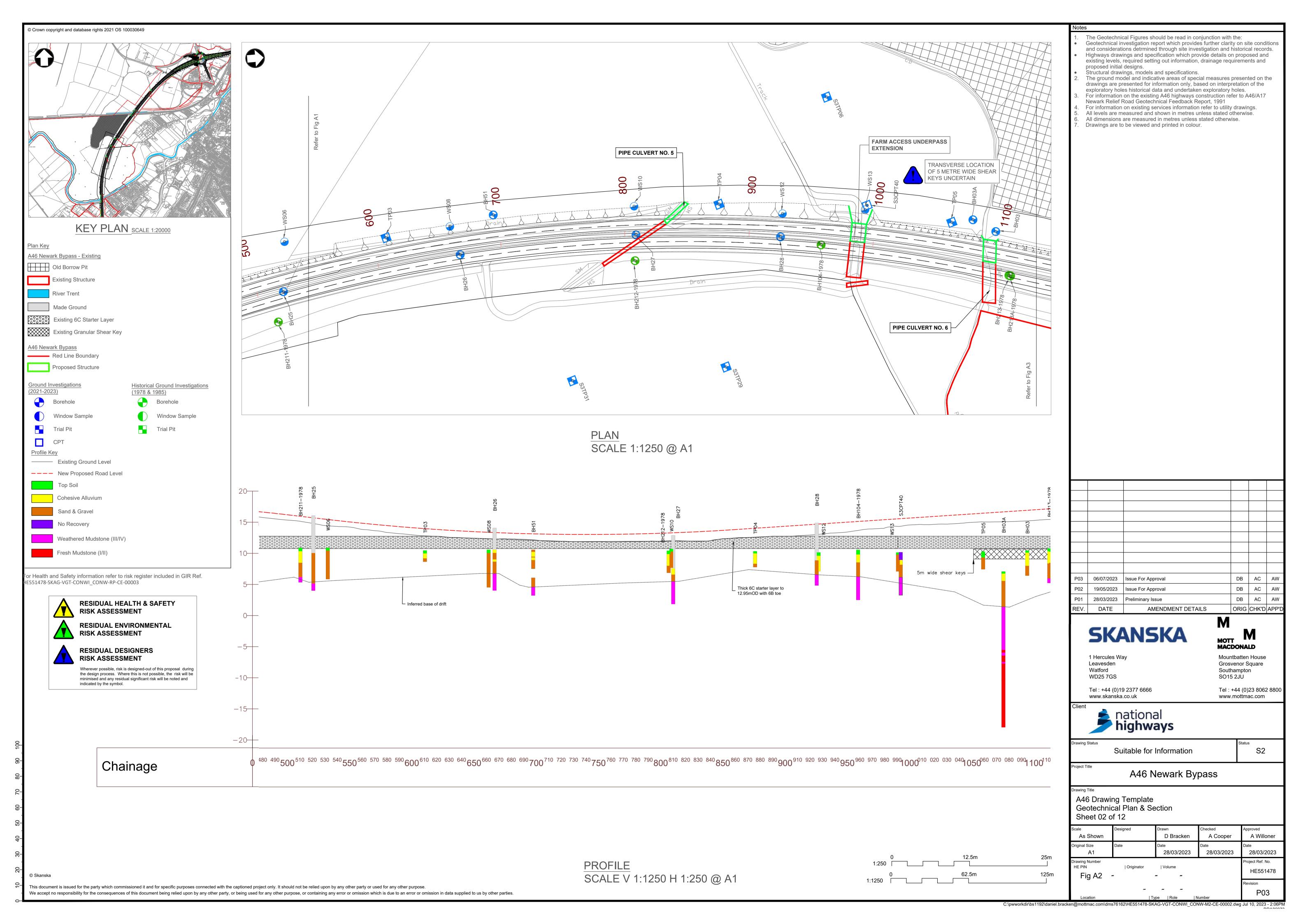


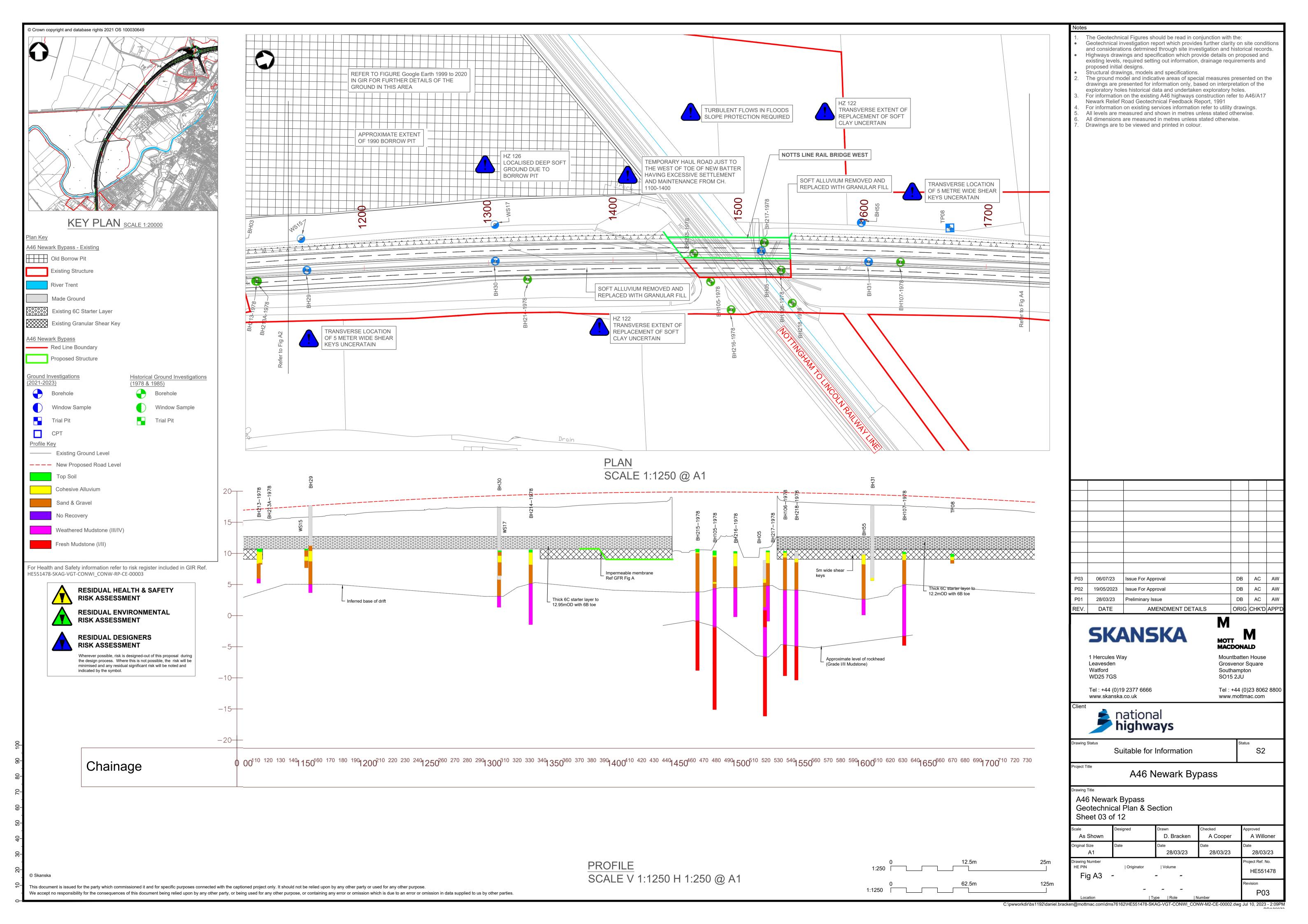
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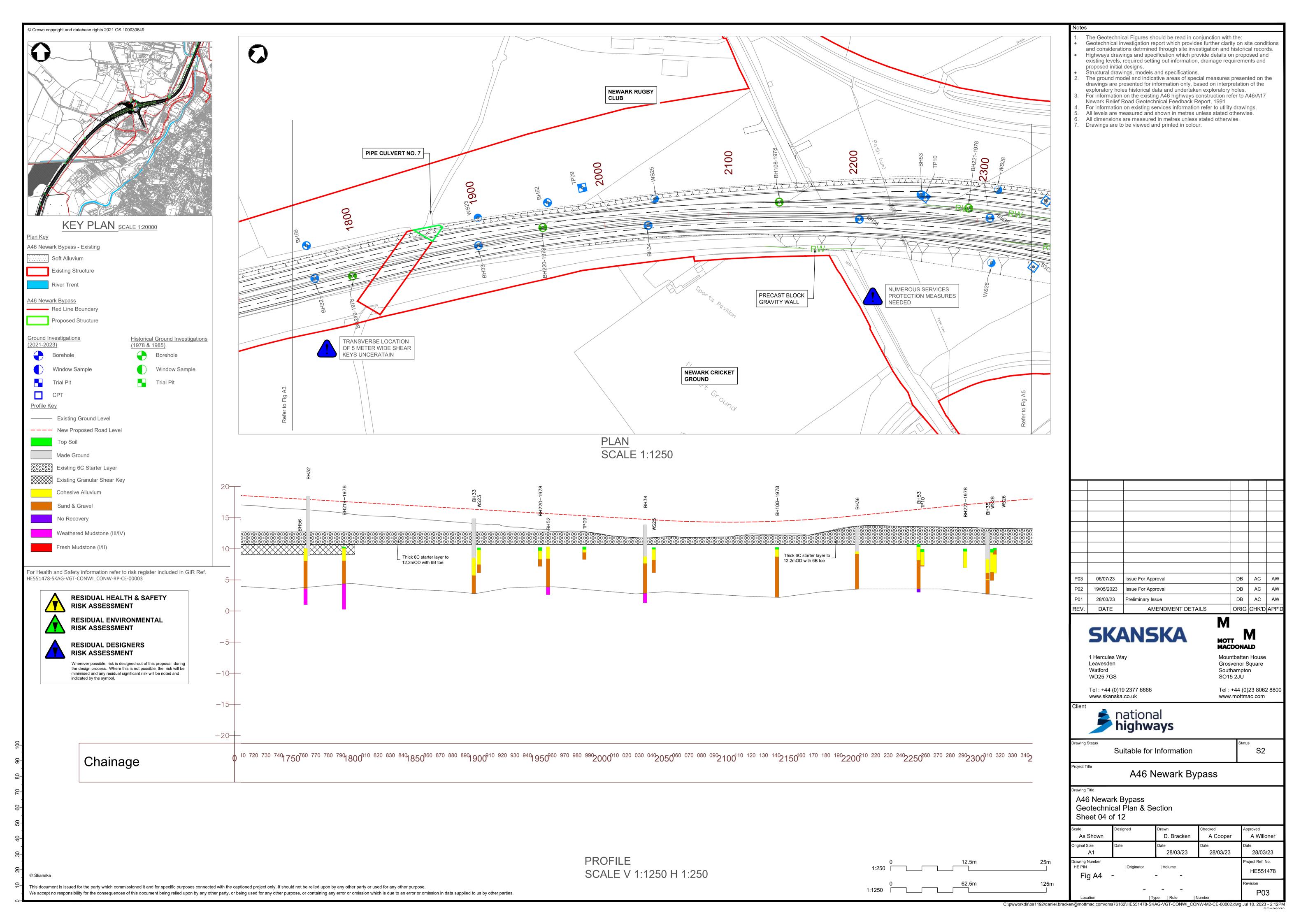


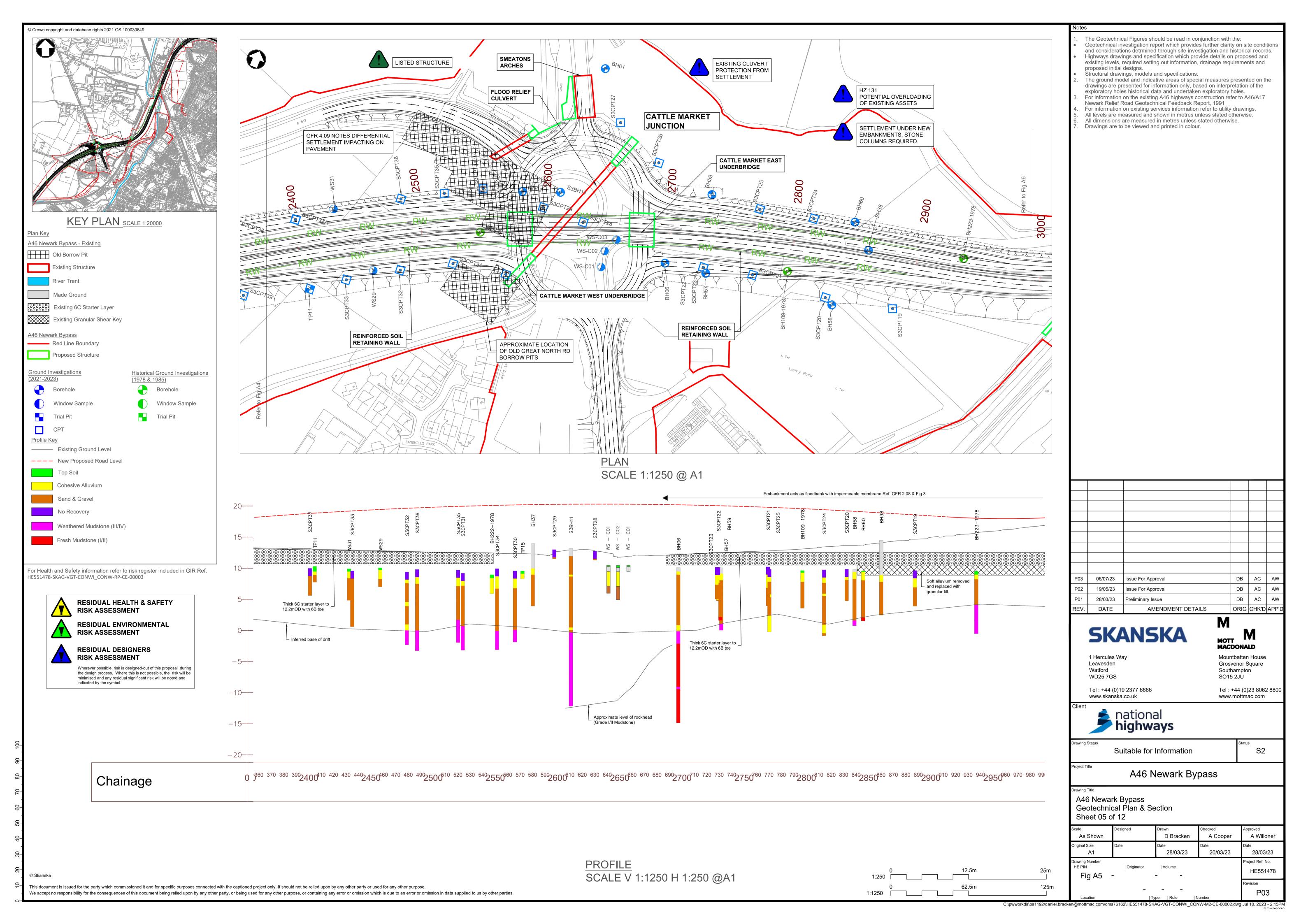
### **Appendix A Geotechnical Drawings**

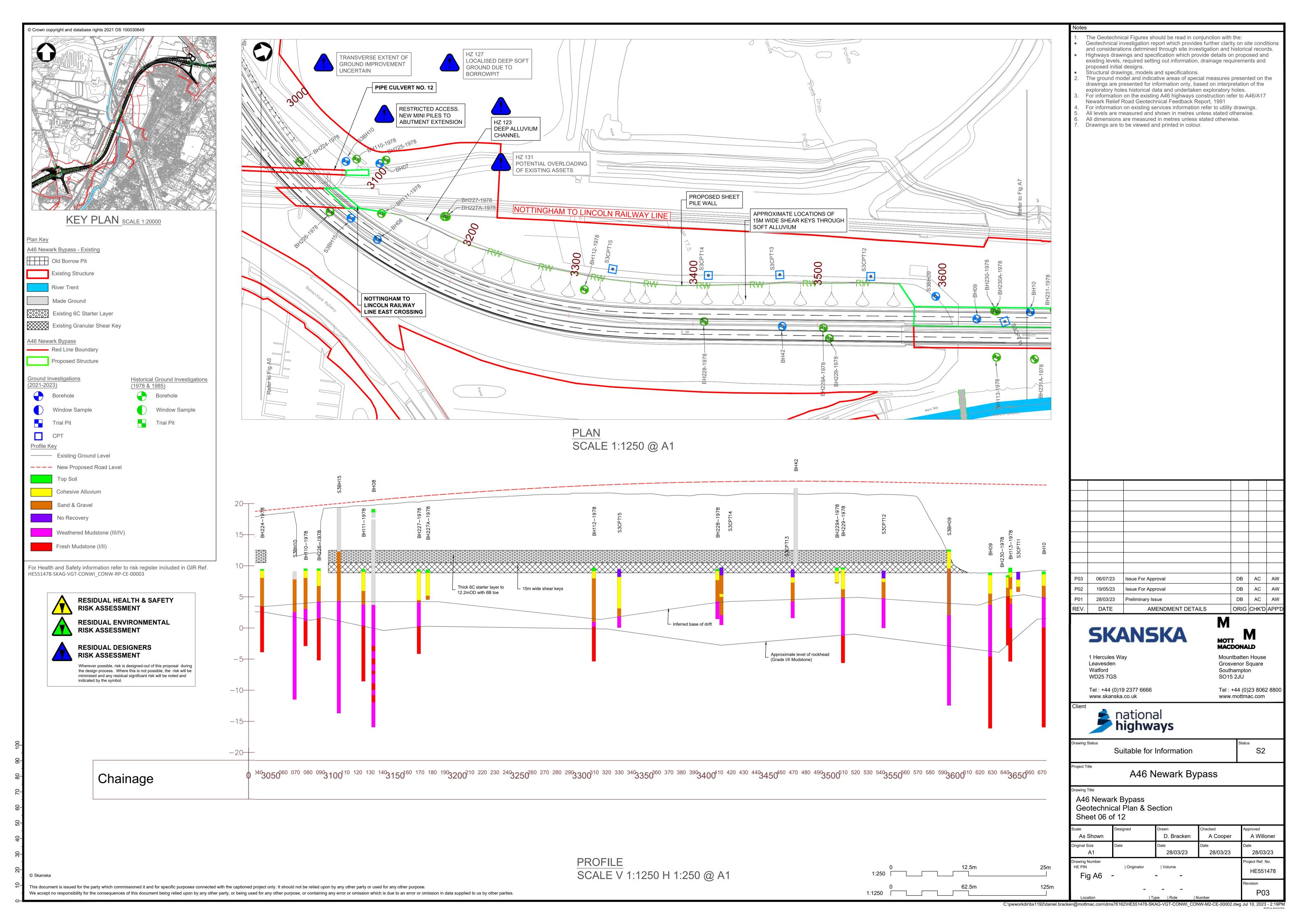


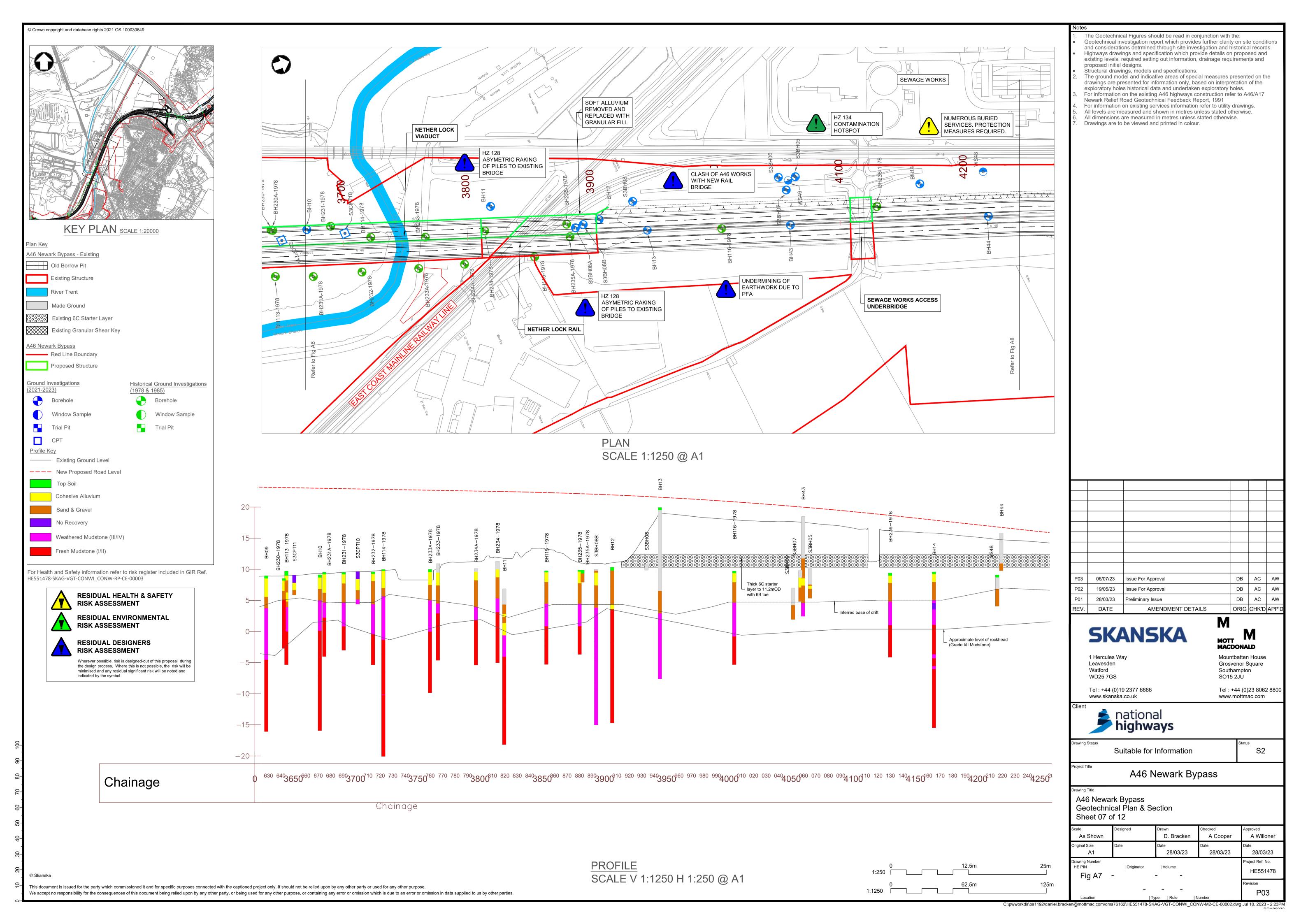


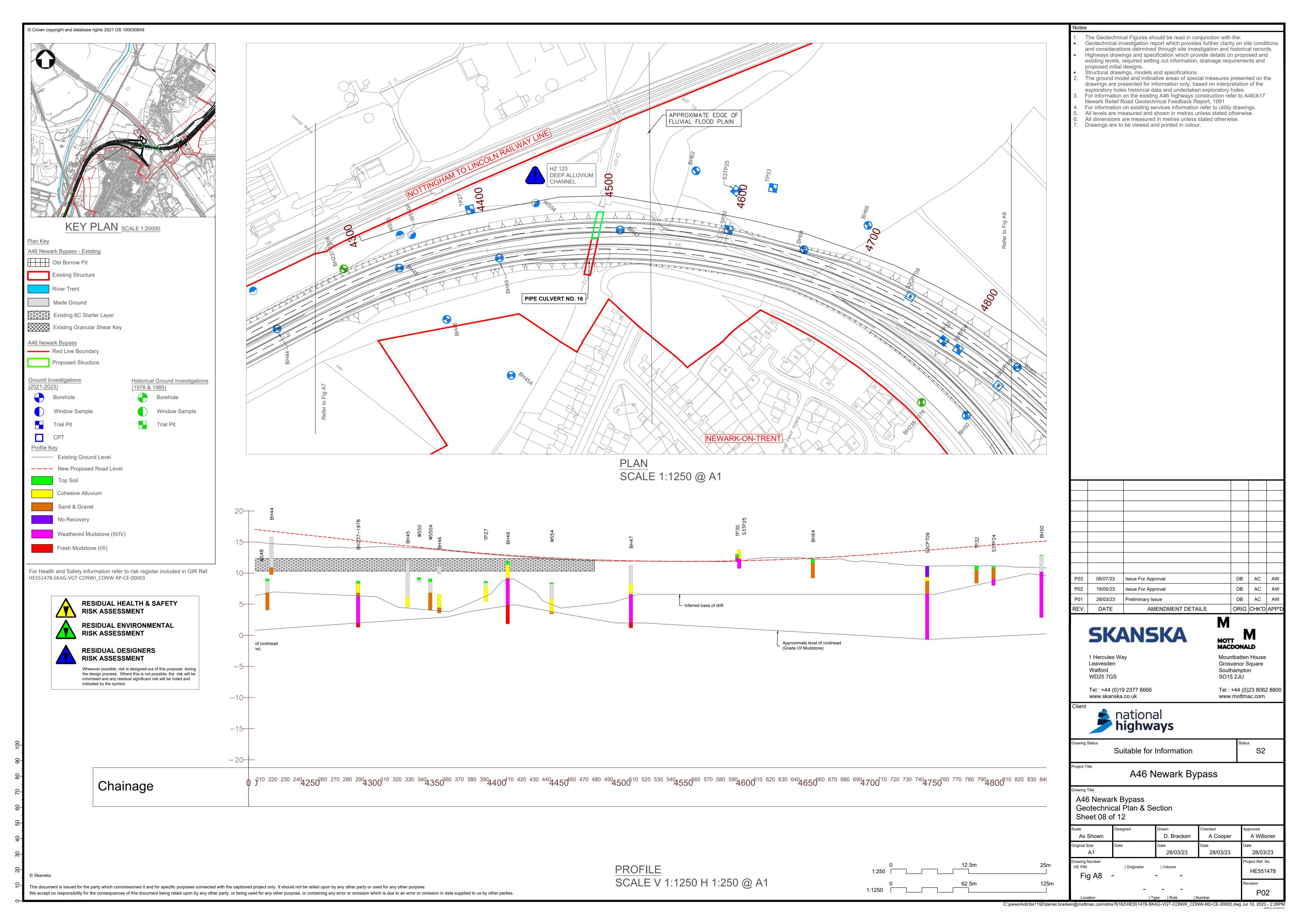


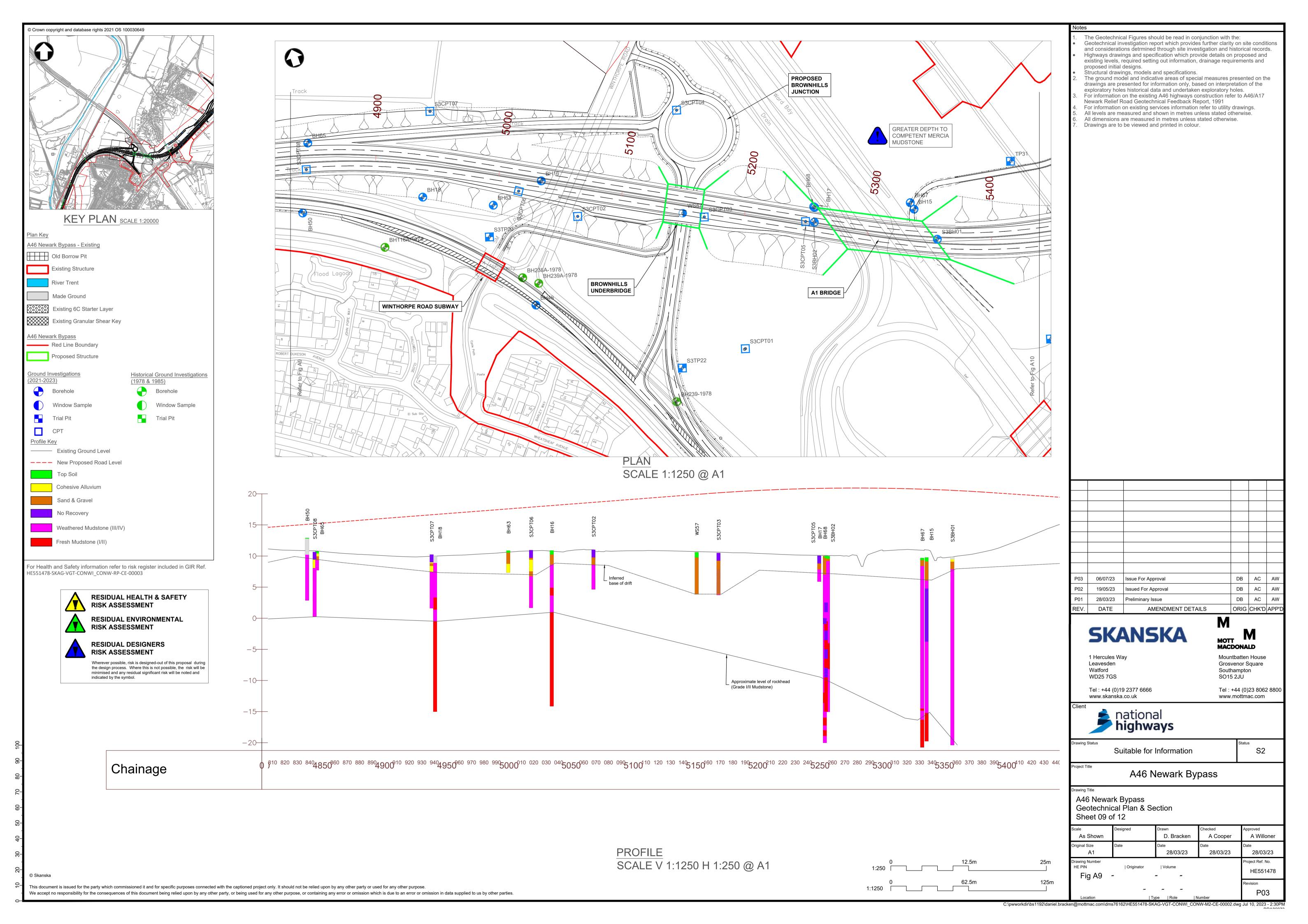


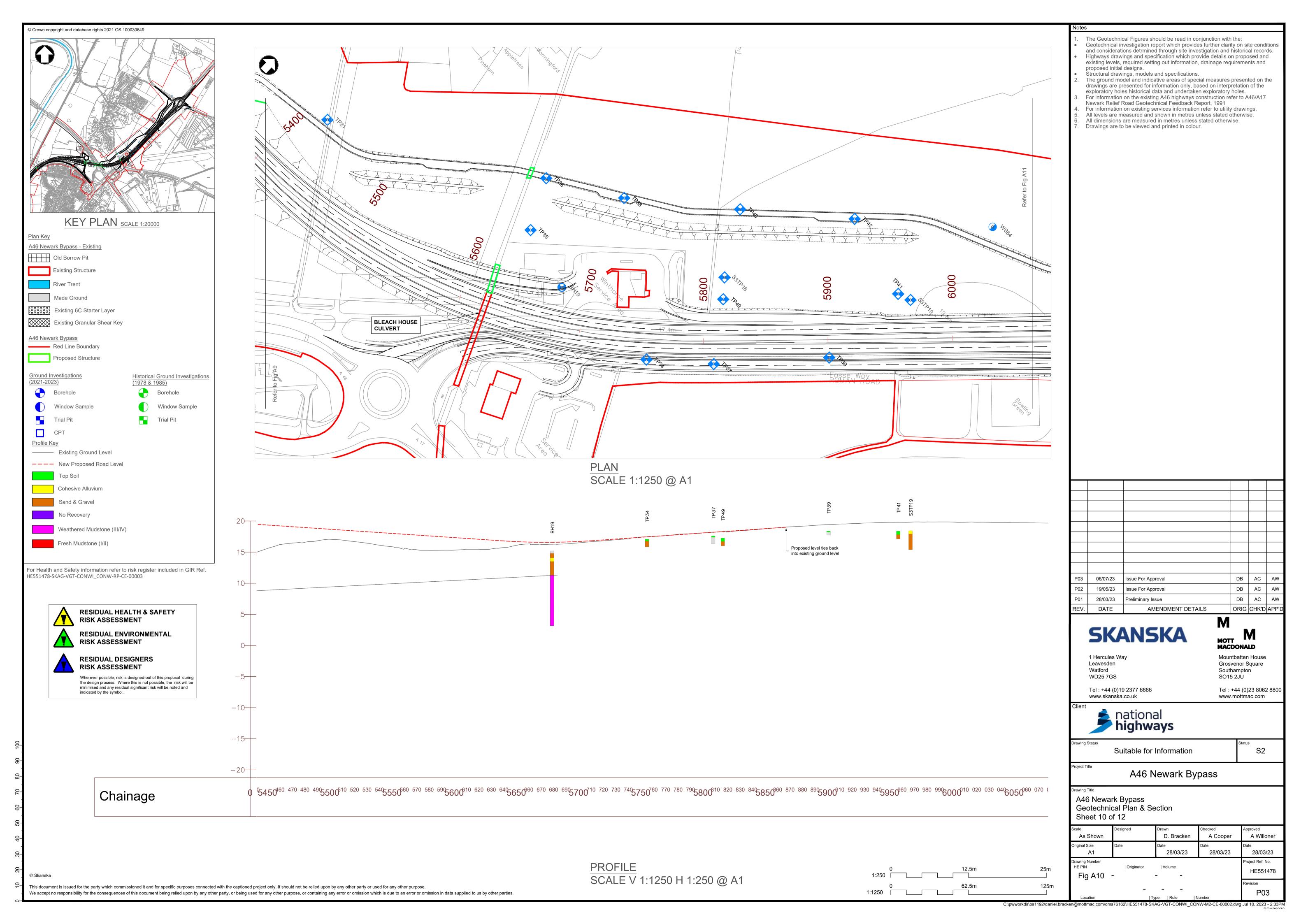


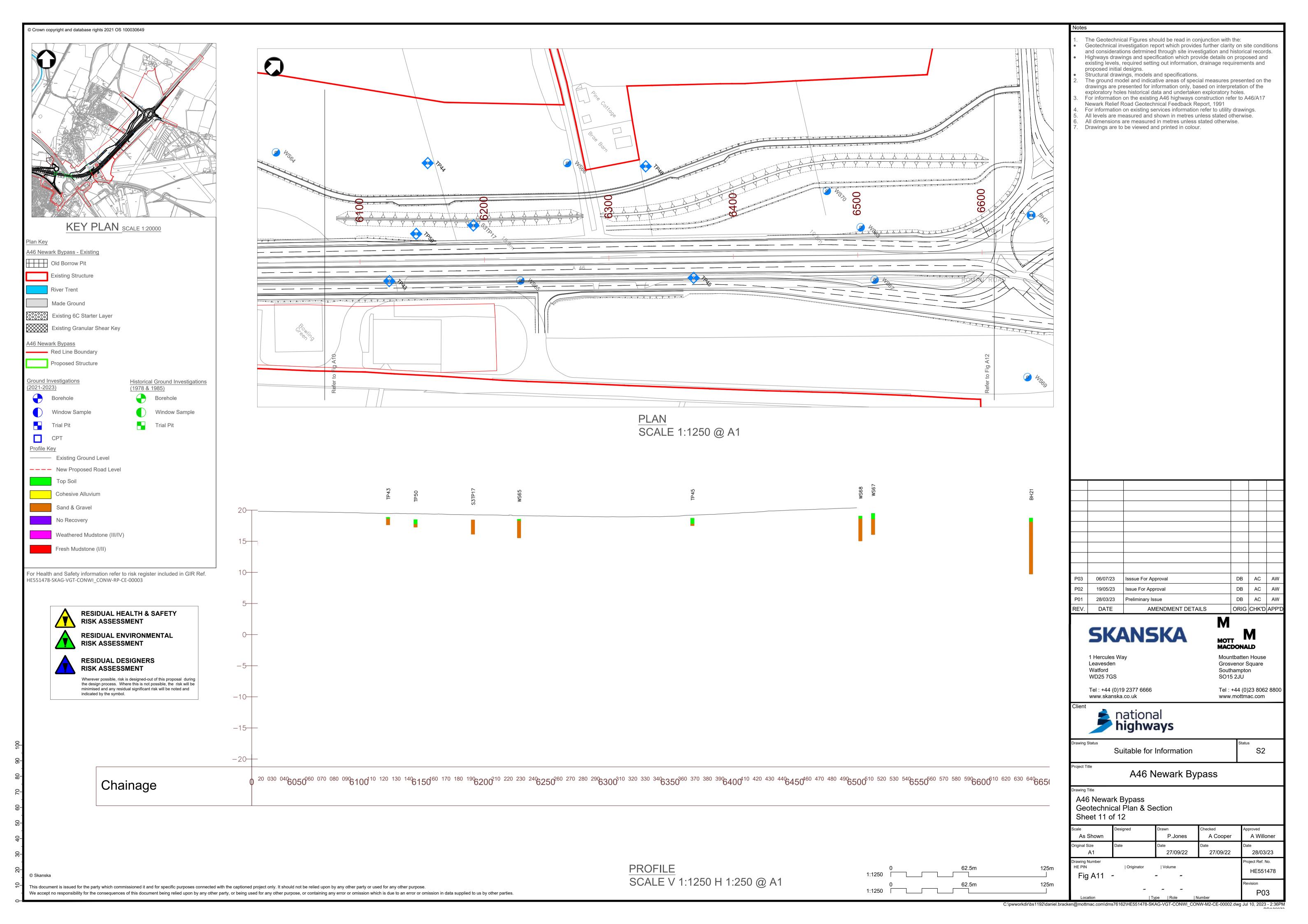


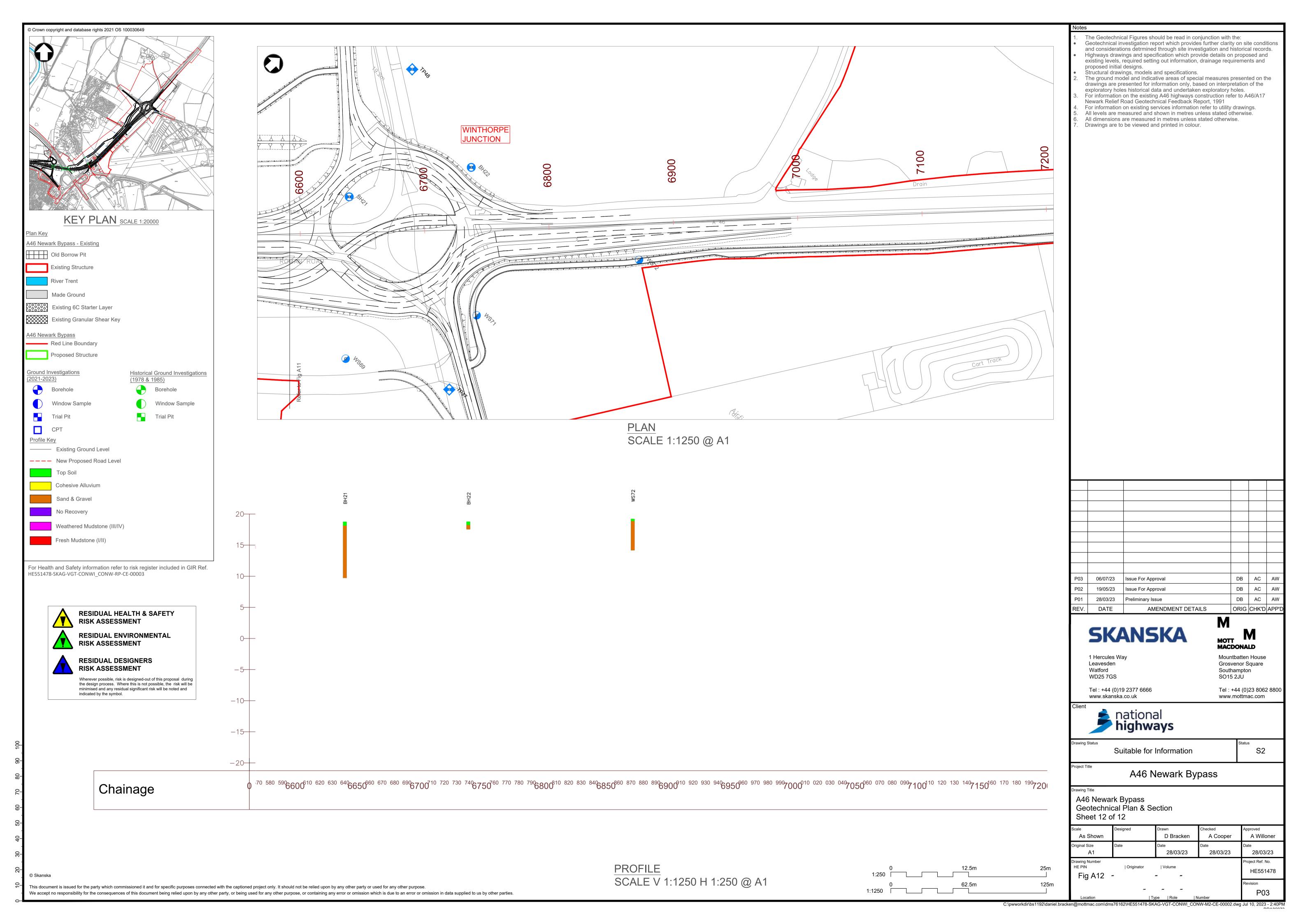






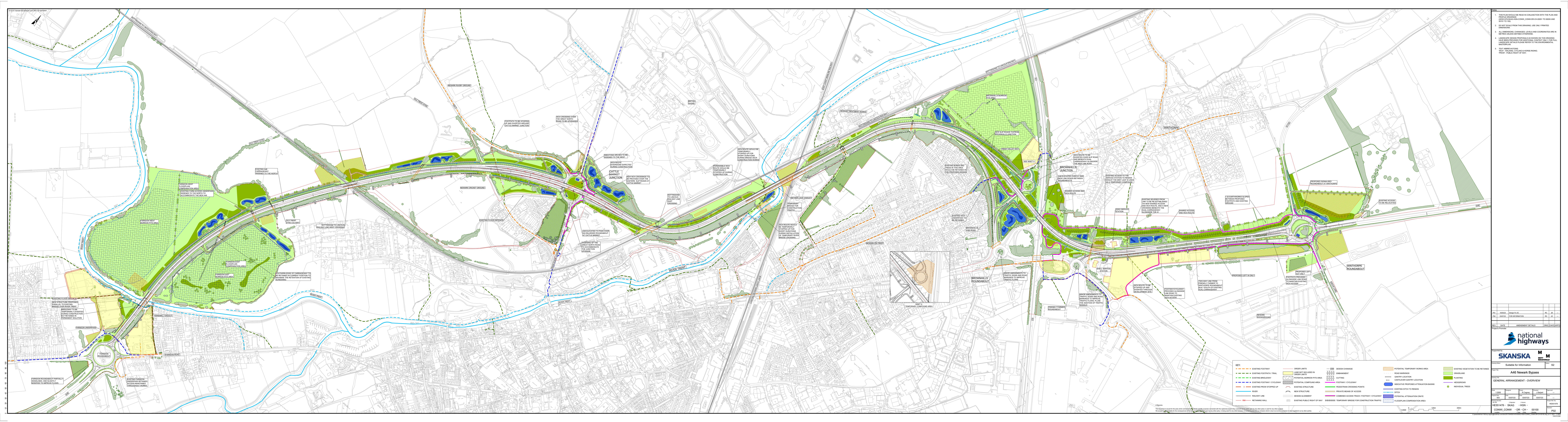






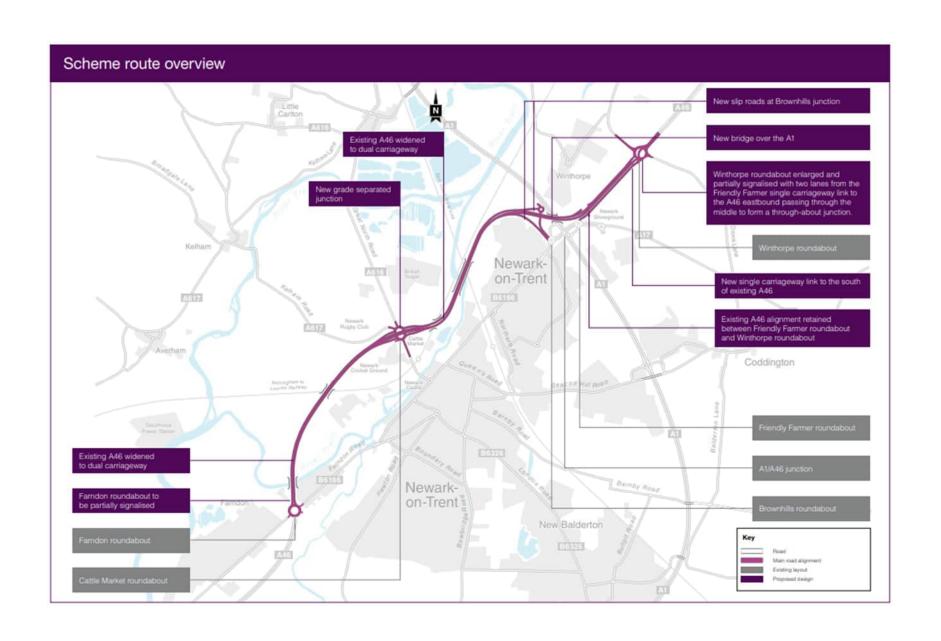


### **Appendix B Scheme GA Drawing**





### **Appendix C Scheme Route Overview**



## **Appendix D Geotechnical Plots**

### Moisture Content vs Level

Figure No.

D.1.1 Drawn By: AC Project ID: 100103345 Project Title: A46 Newark Bypass Client: Skanska Moisture Content (%) 5 10 15 25 30 35 16 14 ▲ 12 10 Level (mOD) 6 Geocode: ■ Consolidation Test ▲ Moisture Content **X** Shear Box Test Class 1A

Date:	June 2023	Remarks/Notes:
Data Status:	Final	

## SPT N<sub>60</sub> Value vs Level (with extrapolated values)

Figure No.

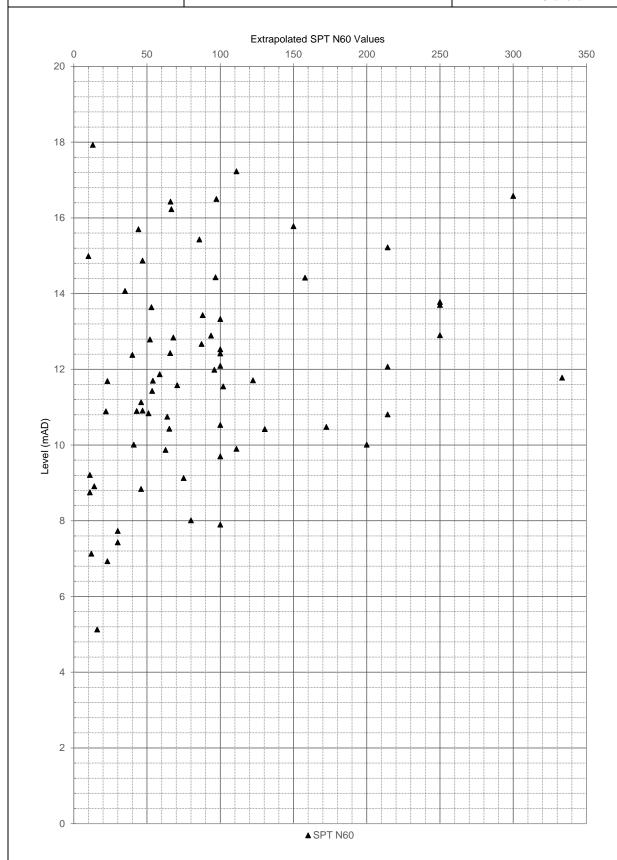
D.1.2

Project ID: 100103345

Project Title:

A46 Newark Bypass

Drawn By: AC
Client: Skanska



Geocode Class 1A

Date: June 2023

Remarks/Notes: Extrapolated N60 values are shown for construction use.

Final

### SPT N<sub>60</sub> Value vs Level

Figure No.

D.1.3

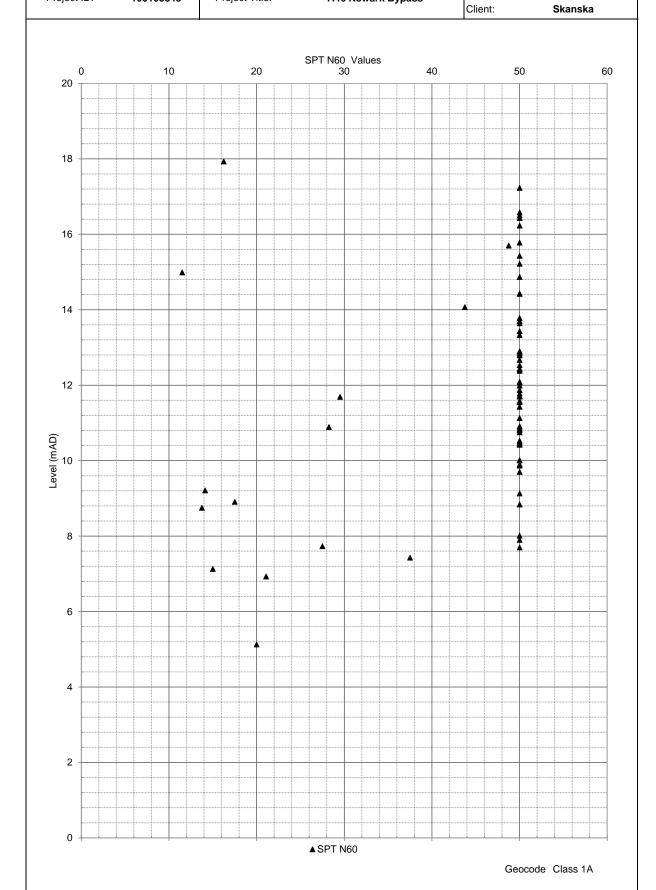
Project ID:

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Project Title:

A46 Newark Bypass

Drawn By: AC



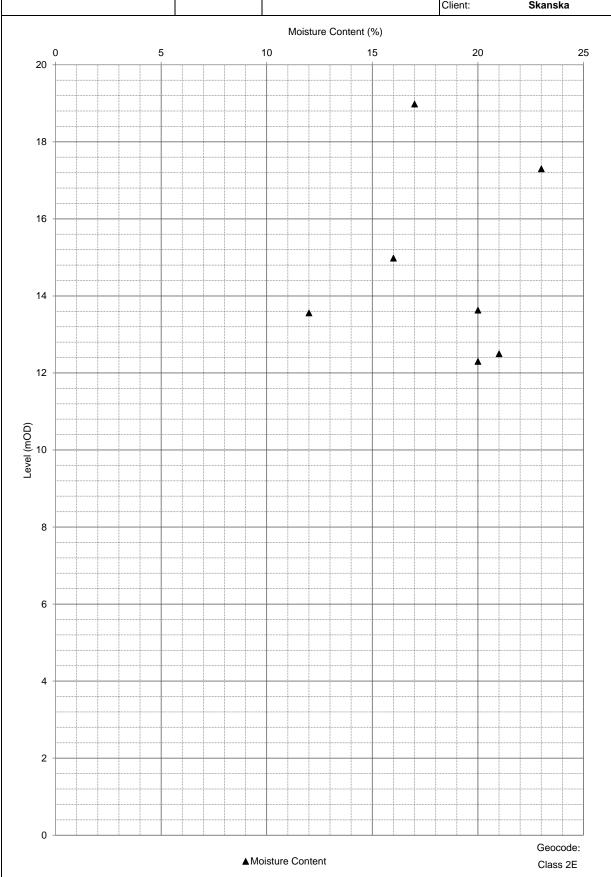
Date:	Jul-23	Remarks/Notes: SPT N60 values shown on plot have been limited to a maximum value of 50
		and have been used to calculate averages for parameter derivation.
Data Status:	Final	and have been used to calculate averages for parameter defivation.

### Moisture Content vs Level

Figure No.

D.2.1

Project ID: 100103345 Project Title: A46 Newark Bypass Drawn By: AC
Client: Skanska



Date:	June 2023	Remarks/Notes:
Data Status:	Final	

### SPT $N_{60}$ Value vs Level

Figure No.

D.2.2

Project ID:

100103345

Jul-23

Final

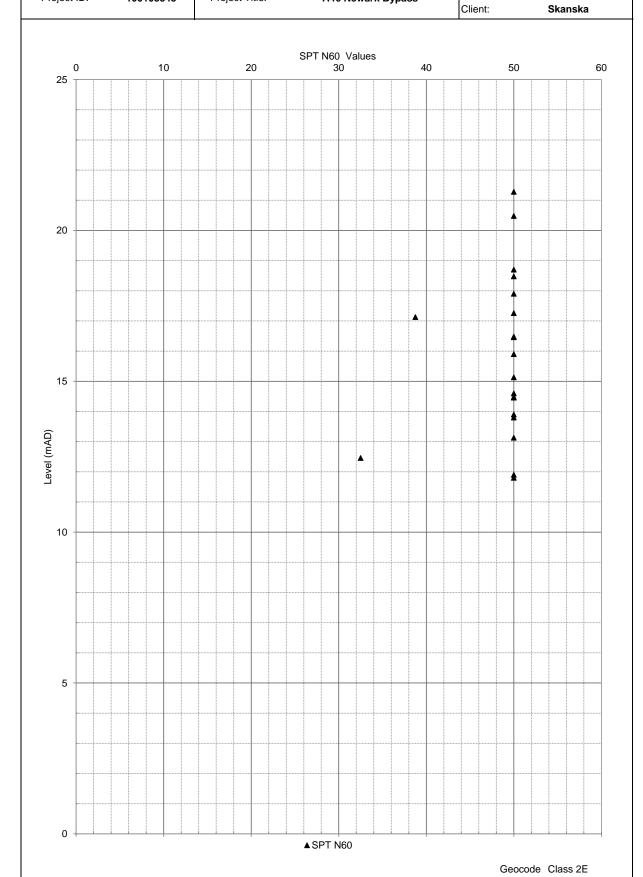
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Project Title:

A46 Newark Bypass

Drawn By: AC



Remarks/Notes: SPT N60 values shown on plot have been limited to a maximum value of 50

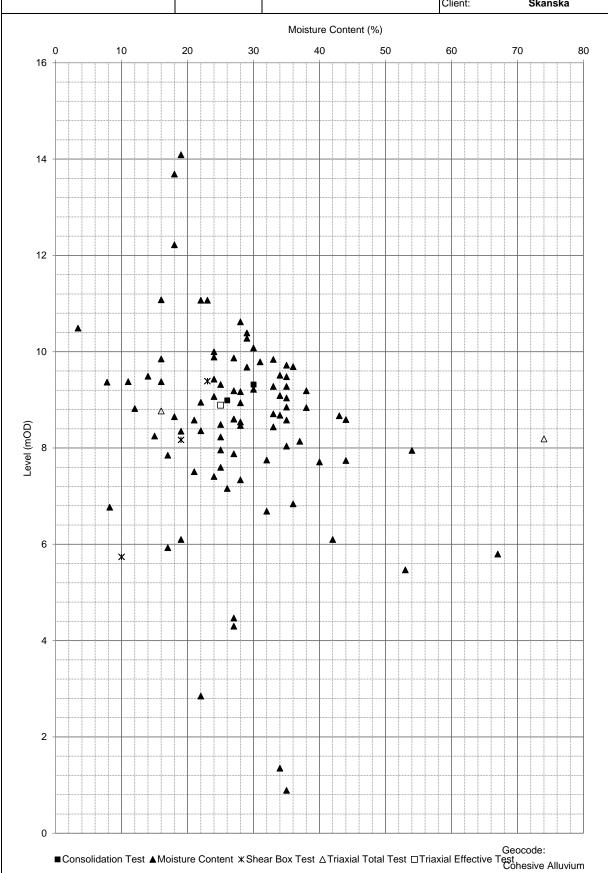
and have been used to calculate averages for parameter derivation.

### Moisture Content vs Level

Figure No.

D.3.1

Project ID: 100103345 Project Title: A46 Newark Bypass Drawn By: AC
Client: Skanska



Date:	June 2023	Remarks/Notes:
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### Plasticity Chart

Figure No.

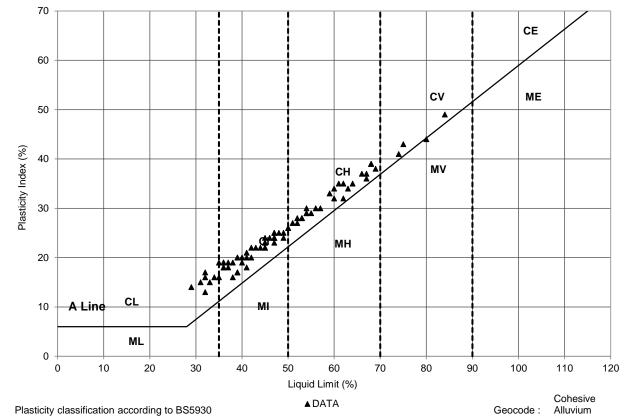
D.3.3

Project ID: 100103345 Project Title:

A46 Newark Bypass

Drawn By:

Client: Skanska



Plasticity classification according to BS5930

Alluvium

Date:	June 2023	Remarks/Notes:
Data Status:	Final	

## SPT N<sub>60</sub> Value vs Level (with extrapolated values)

Figure No.

D.3.4

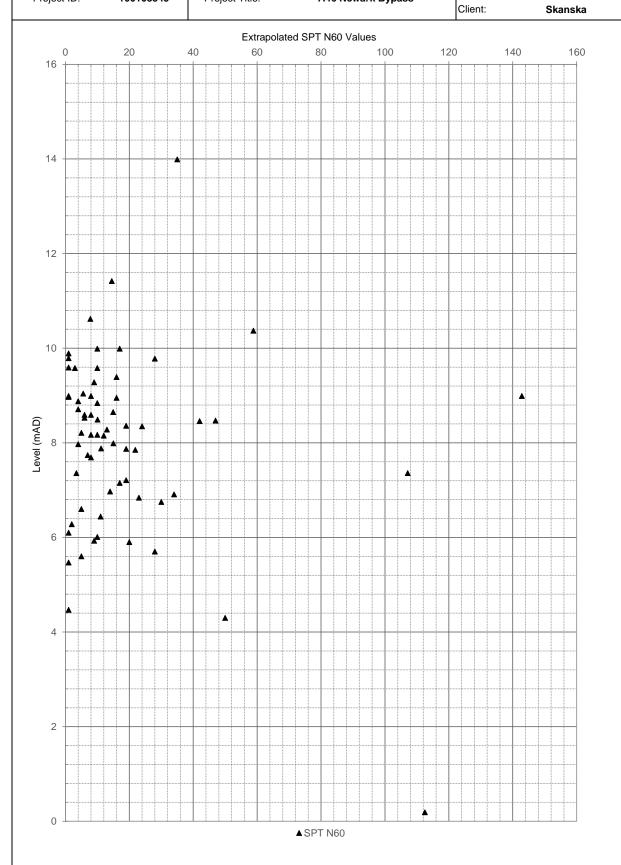
Project ID:

100103345

Project Title:

A46 Newark Bypass

Drawn By: AC



Date:	July 2023	Remarks/Notes: Extrapolated N60 values are shown for construction use.
Data Status:	Final	

### SPT N<sub>60</sub> Value vs Level

Figure No.

D.3.5

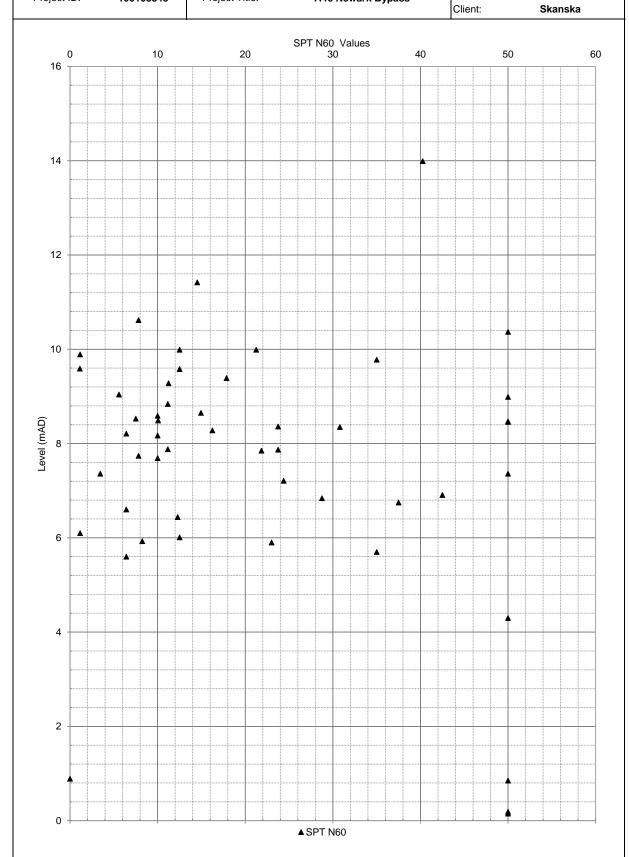
Project ID:

100103345

Project Title:

A46 Newark Bypass

Drawn By: AC



Geocode Cohesive Alluvium

Date:	Jul-23	Remarks/Notes: SPT N60 values shown on plot have been limited to a maximum value of 50
		and have been used to calculate averages for parameter derivation.
Data Status:	Final	Tand have been used to calculate averages for parameter derivation.

### Undrained Shear Strength ( $C_{u_j}$ vs Level

Figure No.

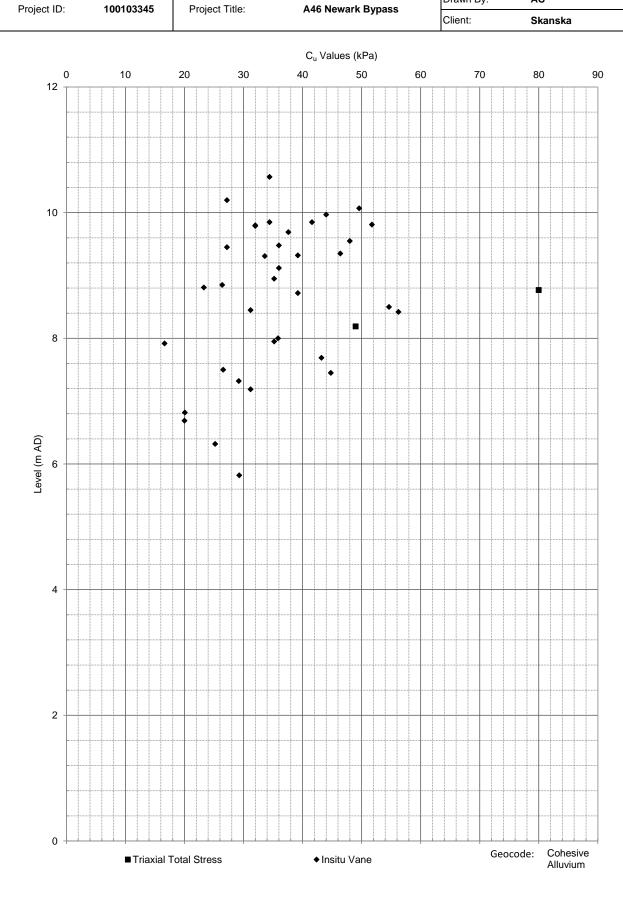
D.3.6

Project ID:

100103345

Project Title:

Drawn By: AC



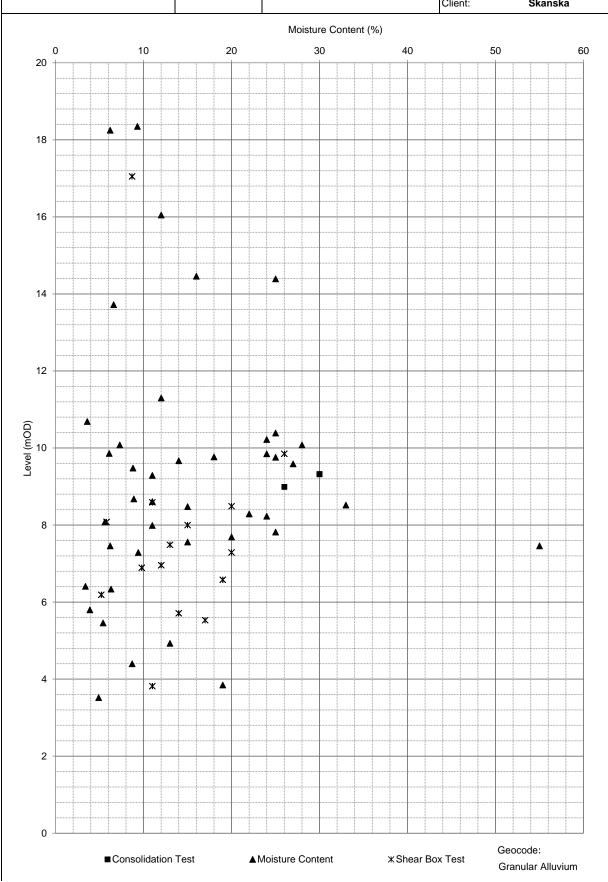
Date:		Remarks/Notes: Graph shows undrained shear strength from lab test results. No correlations have been used to determine undrained shear strength.
Data Status:	Final	been used to determine dildramed shear strength.

### Moisture Content vs Level

Figure No.

D.4.1

Project ID: 100103345 Project Title: A46 Newark Bypass Drawn By: AC
Client: Skanska



Date:	June 2023	Remarks/Notes:
Data Status:	Final	

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## SPT N<sub>60</sub> Value vs Level (with extrapolated values)

Figure No.

D.4.3

Geocode Granular Alluvium

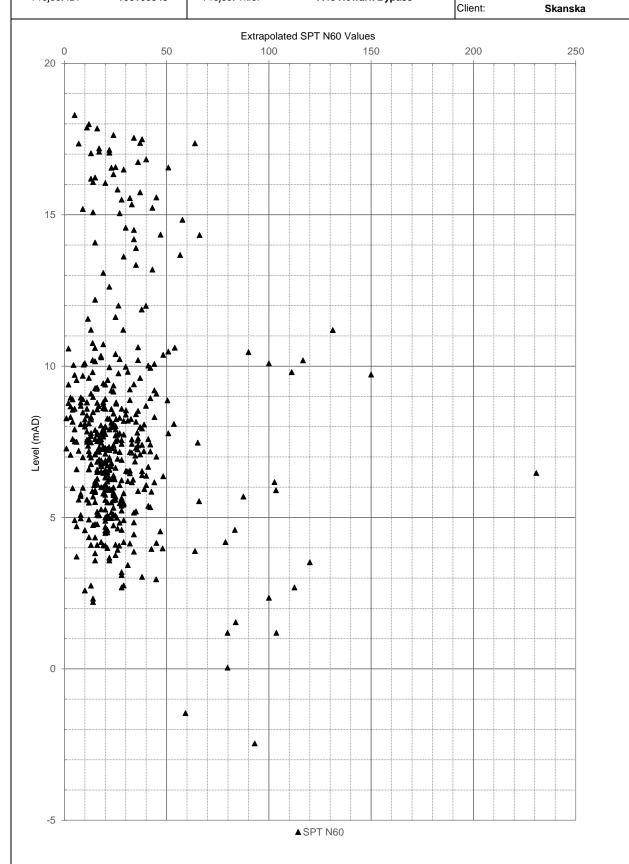
Project ID:

100103345

Project Title:

A46 Newark Bypass

Drawn By: AC



Date: June 2023

Data Status: Final

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### SPT N<sub>60</sub> Value vs Level

Figure No.

D.4.4

Project ID:

100103345

Jul-23

Final

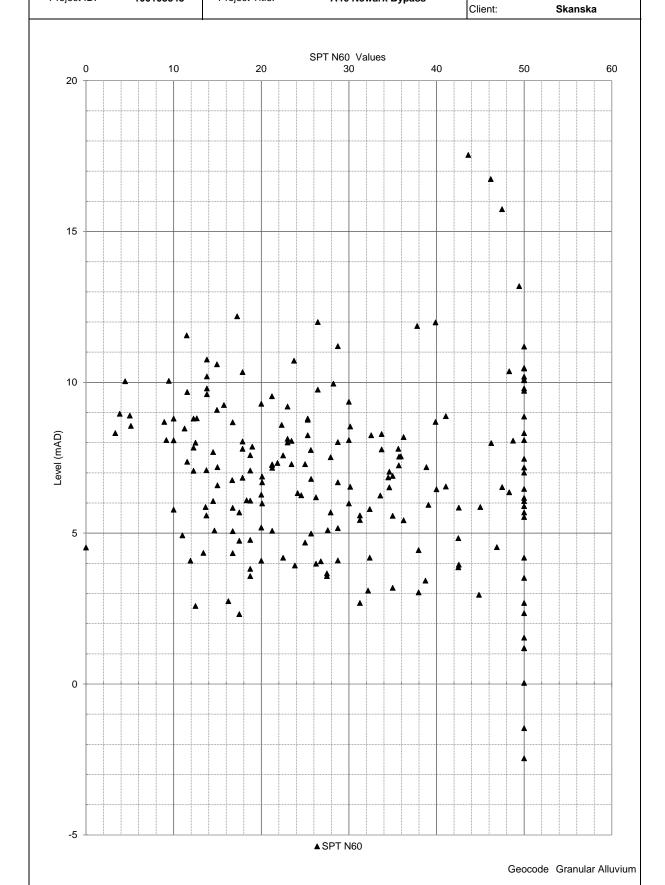
Date:

Data Status:

Project Title:

A46 Newark Bypass

Drawn By: AC



Remarks/Notes: SPT N60 values shown on plot have been limited to a maximum value of 50

and have been used to calculate averages for parameter derivation.

### Moisture Content vs Level

Figure No.

D.5.1 Drawn By: AC Project ID: 100103345 Project Title: A46 Newark Bypass Client: Skanska Moisture Content (%) 15 20 25 5 10 30 35 40 45 20 15 10 5 **A** ▲ □ Level (mOD) Å Δ  $\phi$ \$ Ġ -5 Φ Α -10 ф. -20 Geocode: ■ Consolidation Test △Triaxial Total Test □Triaxial Effective Test ▲ Moisture Content Weathered MMG

Date:	June 2023	Remarks/Notes:
Data Status:	Final	

### Plasticity Chart

Figure No.

D.5.2

Project ID: 100103345

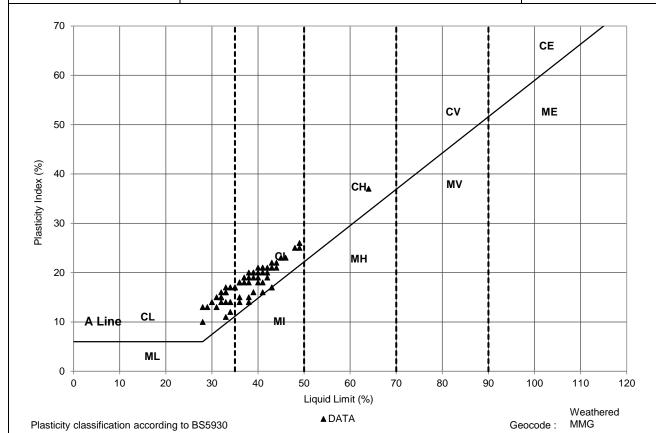
Project Title:

A46 Newark Bypass

Drawn By: AC

Client:

Skanska



Date: June 2023

Data Status: Final

Remarks/Notes:

## SPT N<sub>60</sub> Value vs Level (with extrapolated values)

Figure No.

D.5.3

Project ID:

100103345

June 2023

Final

Remarks/Notes:

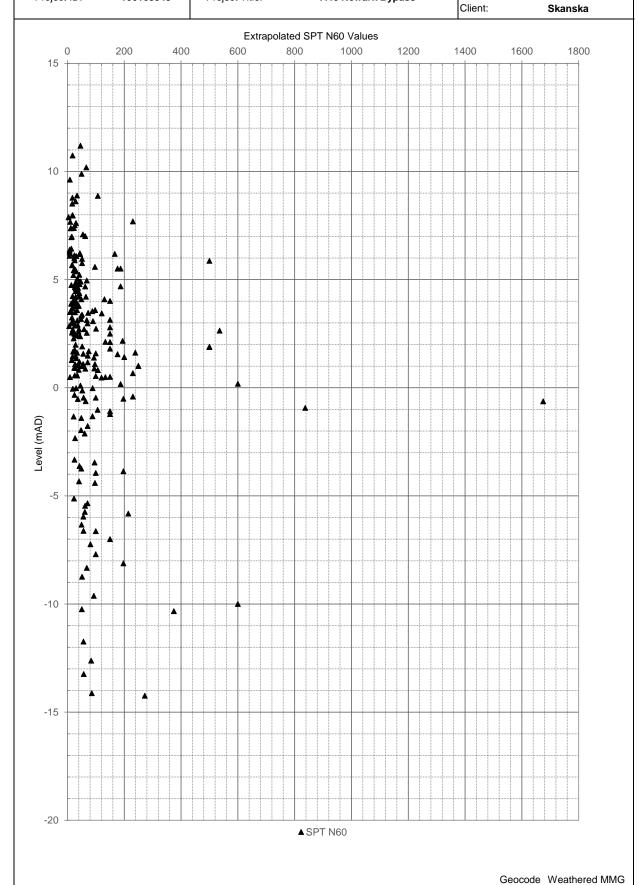
Date:

Data Status:

Project Title:

A46 Newark Bypass

Drawn By: AC



## Undrained Shear Strength ( $C_{u)}$ vs Level

Figure No.

D.5.4

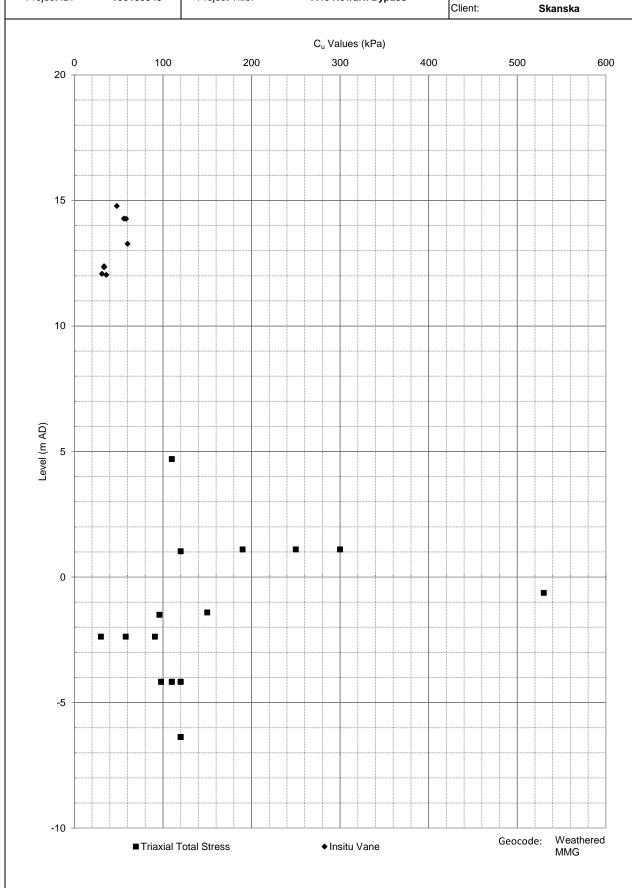
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100103345

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A46 Newark Bypass

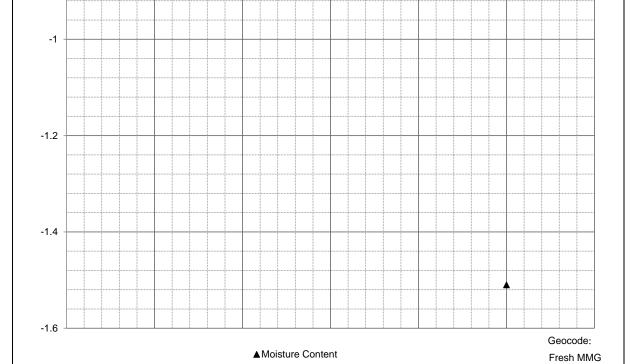
Drawn By: AC



Date:	June 2023
Data Status:	Final

Figure No.

Moisture Content vs Level D.6.1 Drawn By: AC Project ID: 100103345 Project Title: A46 Newark Bypass Client: Skanska Moisture Content (%) 20.5 21 21.5 22 22.5 23 23.5 -0.2 -0.4 -0.6 Level (mOD)



Date:	June 2023	Remarks/Notes:
Data Status:	Final	

## SPT N<sub>60</sub> Value vs Level (with extrapolated values)

Figure No.

D.6.2

Project ID:

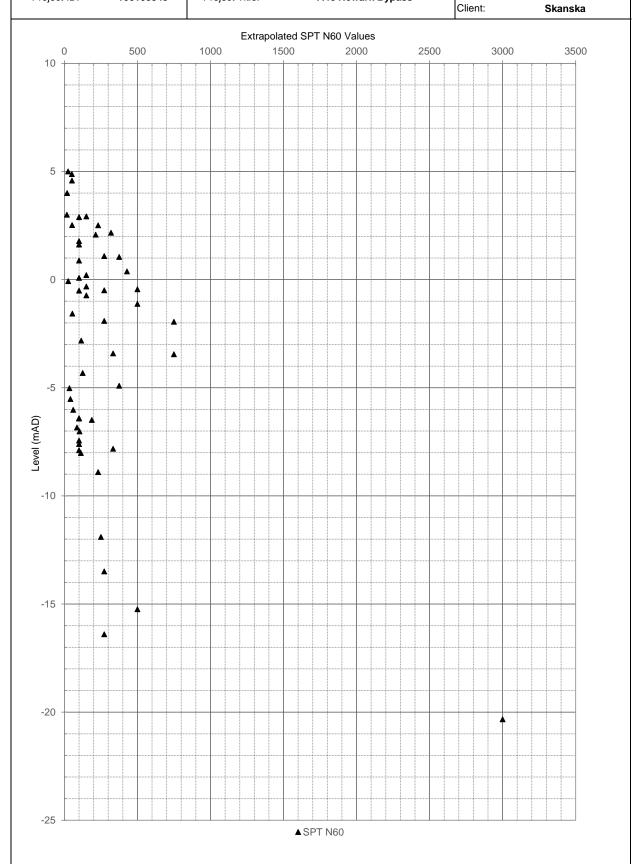
100103345

Project Title:

A46 Newark Bypass

Drawn By: AC

Geocode Fresh MMG



Date:	June 2023	Remarks/Notes:
Data Status:	Final	



## Appendix E Tensar Application Suggestions for TW3 structures and TensarTech GreenSlope



Client: Skanska

Project: A46 Newark Bypass, Nottinghamshire
TensarTech 9m High GreenSlope System
Design not suitable for construction. Foundation assumed stable and competent.

Objective: For Feasibility - Toe slope stability by others.

Tensar Structural Systems TensarTech GreenSlope System



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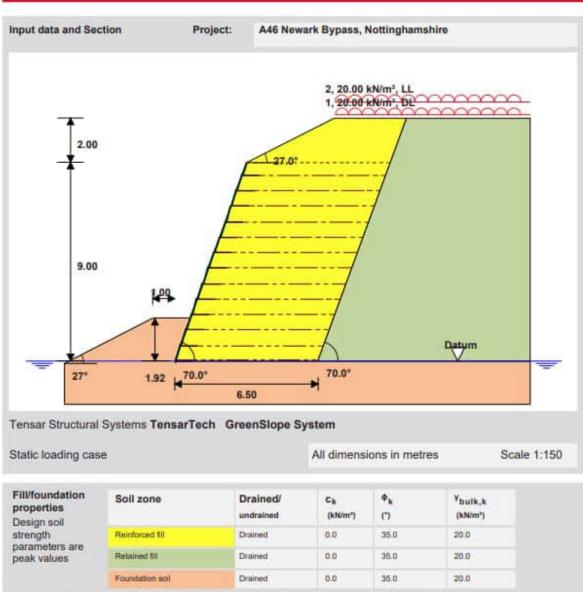
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Heshod of analysis The calculation method used to create this Tensar software output is the tie-back wedge reinfurced soil retaining wall design method with partial factors defined in Section 6.0 of BS 8006-1 2010+A1 2016 "Code of practice for strengthened/minforced soils and other fills".

Reference O-52066 - A-61226 Date 23 Dec 2022 Page 1 of 4







Pill/foundation properties Design soil strength parameters are peak values	Soil zone	Drained/ undrained	Ck (kN/m²)	Ф <sub>k</sub>	Ybulk,k (kN/m²)
	Reinforced fill	Drained	0.0	35.0	20.0
	Retained fill	Drained	0.0	35.0	20.0
	Foundation soil	Drained	0.0	35.0	20.0

Surcharges	No	Load acts from x (m)	Tox (m)	Load (kN/m²)	Temporary/Permanent
	1	4.00	100.00	20	Permanent
	2	4.00	100.00	20	Temporary

x coordinates are measured from the top of the reinforced fill block. Unit loads given above are characteristic values, design values are obtained by applying appropriate partial load factors to the resulting actions.



# Tensar software output Tensar So@® Version 2.17.4 Calculations in accordance with: Tie-back wedge method (BS8006-1:2010+A1:2016) (static loading)

Water pressure data	Location	Height of water level above datum (m)	r <sub>u</sub>
	In front of structure	0.00	
	Within fill	0.00	NA

Verification	Mechanism	Result	Max/Min	Critical case	OK?
of external stability	Eccentricity	-0.793 m	+2.167 m	BQU	OK
1001001000	Sliding on base	1.750	1.300 min	В	OK
	Bearing	1.559	1.350 min	A	OK

Verification	Mechanism	OK?	Mechanism	OK?
of internal stability	Rupture check	ОК	Adherence check	ОК
3)	Internal sliding check	OK	Wedge check	ОК
	Post-construction strain (wedges)	< 1.0%	Post-construction strain (stresses)	< 1.0%

Reinforcement layout starting and finishing levels are related to datum	Tensar Geogrid	No of layers	Starting level (m)	Vertical spacing (m)	Finishing level (m)	Coverage (%)	t <sub>b</sub>
	Type 5	1	9.00	*:		100	0.85
	Type 2	5	5.60	0.70	8.40	100	0.85
	Type 3	3	3.50	0.70	4.90	100	0.85
	Type 4	4	0.70	0.70	2.80	100	0.85
	Type 4	1	0.00		-	100	0.85

Partial load factors	Partial factors for load case		A	8	c
applied to	Mass of reinforced soil body	tfs	1.5	1.0	1.0
actions and materials	Mass of backfill on top of the reinforced soil wall	ffs	1.5	1.0	1.0
	Earth pressure behind the structure	fs	1.5	1.5	1.0
	Traffic load above reinforced soil wall	f <sub>q</sub>	1.5	0	0
1:2010	Traffic load behind reinforced soil wall	fq	1.5	1.5	0
	Material factor applied to tamp'	fms	1.0	1.0	1.0
	Material factor applied to c'	fms	1.6	1.6	1.0
	Material factor applied to s <sub>u</sub>	fms	1.0	1.0	1.0
	Siding across surface of reinforcement	f <sub>s</sub>	1.0	13	1.0
	Pullout resistance of reinforcement	f <sub>p</sub>	1.3	1.3	1.0
	Partial factor applied to bearing capacity	fms	1.35	1.35	NA
	Partial factor applied to sliding on base	t <sub>s</sub>	1.2	1.2	NA

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 O-52086 - A-61226
 Date
 23 Dec 2022
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Tensar software output
Tensar Soll® Version 2.17.4
Calculations in accordance with: Tie-back wedge method (BS8006-1:2010+A1:2016) (static loading)

Partial factor
As given in
Table 9 of BS
8006-1:2010

Partial factor depending on ramification of failure

f<sub>n</sub>

Applied to reinforcement rupture strength and pullout

1.1

For Feasibility.



## Tensar.

Tensar software output TensarSo@B Version 2.17.4

Calculations in accordance with: Tie-back wedge method (BS8006-1:2010+A1:2016) and HAPAS certification (static loading)

Client: Skanska

Project: A46 Newark Bypass, Nottinghamshire
TensarTech 9m High TW3 Wall System

Design not suitable for construction. Foundation assumed stable and competent.

Tensar Structural Systems

Objective:

TensarTech TW3 Wall System



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Mathod of analysis

The calculation method used to create this Termar software output is the tie-back wedge reinforced soil retaining wall design method with partial factors defined in Section 6.0 of 95 8006-1-2010-A1:2016 "Code of practice for strengthened/menforced soils and other fills", and with additional requirements given in HAPAS Certificate 14/H217 Product Sheet 1

Reference

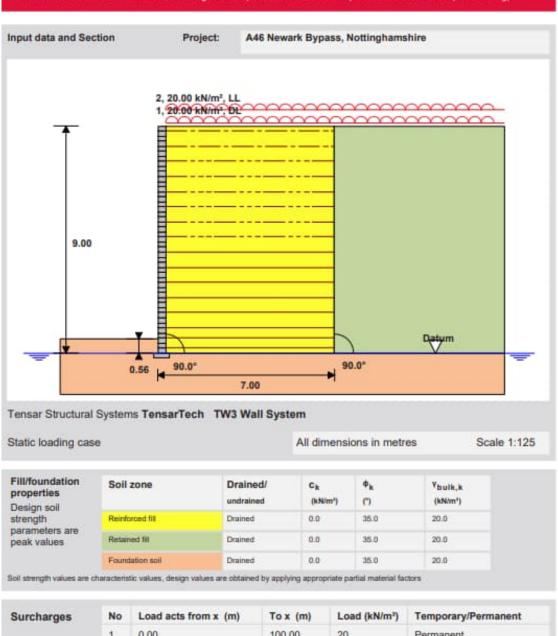
O-52086 - A-61225

Date 23 Dec 2022

Page 1 of 4







Surcharges	No	Load acts from x (m)	Tox (m)	Load (kN/m²)	Temporary/Permanent
	1	0.00	100.00	20	Permanent
	2	0.00	100.00	20	Temporary

Unit loads given above are characteristic values, design values are obtained by applying appropriate partial load factors to the resulting actions.

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### Tensar.

Tensar software output Tensar Soil® Version 2.17.4

Calculations in accordance with: Tie-back wedge method (BS8006-1:2010+A1:2016) and HAPAS certification (static loading)

Water pressure data	Location	Height of water level above datum (m)	r <sub>u</sub>
	In front of structure	0.00	
	Within fill	0.00	NA

Verification of external stability	Mechanism	Result	Max/Min	Critical case	OK?
	Escentricity	+0.593 m	+/-1.167 m	SLS	ОК
	Sliding on base	2.036	1.200 min	В	OK
	Bearing	1.486	1.350 min	A max. OT	OK

Verification of internal stability	Mechanism	OK?	Mechanism	OK7
	Rupture check	OK.	Adherence check	OK
	Internal sliding check	OK	Wedge check	ОК
	Post-construction strain (wedges)	< 1.0%	Post-construction strain (stresses)	< 1.0%

Reinforcement layout Starting and	Tensar Geogrid	No of tayers	Starting level (m)	Vertical spacing (m)	Finishing level (m)	Coverage (%)	t <sub>b</sub>
finishing levels are related to datum	Type 2	2	8.20	0.60	8.80	100	0.85
	Type 4	6	4.60	0.60	7.60	100	0.85
	Type 6	- 5	1.60	0.60	4.00	100	0.85
	Type 6	2	0.60	0.40	1.00	100	0.85
	Type 6	1	0.20		100	100	0.85

Partial load factors applied to actions and materials	Partial factors for load case		A	B	c
	Mass of reinforced soil body	f <sub>fa</sub>	15	1.0	1.0
	Mass of backfill on top of the minforced soil wall	f <sub>fs</sub>	1.5	1.0	1.0
As given in Tables 11 and 12 of 85 8006- 12010	Earth pressure behind the structure	f <sub>fn</sub>	1.5	1.5	1.0
	Traffic load above reinforced soll wall	tq	1.5	0	0
	Traffic load behind reinforced soil wall	t <sub>q</sub>	1.5	1.5	0
	Material factor applied to tamp*	-1 <sub>ms</sub>	1.0	1.0	1.0
	Material factor applied to c'	1 <sub>ms</sub>	1.0	1.6	1.0
	Material factor applied to s	† <sub>ms</sub>	1.0	1.0	1.0
	Silding across surface of reinforcement	1,	1.3	1.3	1.0
	Pullout resistance of reinforcement	† <sub>p</sub>	13	3.3	1.0
	Partial factor applied to bearing capacity	t <sub>ms</sub>	1.35	135	NA
	Partial factor applied to sliding on base	1,	1.2	1.2	NA.

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Tensar.

Tensar software output TensarSol® Version 2.17.4

Calculations in accordance with: Tie-back wedge method (BS8006-1:2010+A1:2016) and HAPAS certification (static loading)

Partial factor As given in Table 9 of BS	Partial factor depending on ramification of failure	f <sub>n</sub>
8006-1:2010	Applied to reinforcement rupture strength and pullout	1.1



## **Appendix F Extracts of Contaminated Land Risk Assessment P02**



### 6 Discussion

#### 6.1Scheme area

#### Human health

6.1.1 Investigations completed to date have recorded limited visual or olfactory evidence of contamination across the majority of the scheme area, which testing has also confirmed.

#### **Controlled waters**

6.1.2 Exceeded determinands have been compared from the three sample types including: leachate extract from soil, groundwater, and surface water samples. Exceedances can be compared to determine the background conditions of the scheme. This information is summarised in Table 6-1 below. Notably six metals (cadmium, copper, iron, lead, nickel, zinc), two PAHs (fluoranthene, benzo(a)pyrene), ammoniacal nitrogen and sulphate have exceeded the EQS threshold values in all three types of samples and therefore are considered to represent background conditions.

Table 6-1 Comparison of determinands in samples

Determinand	Soil leachate	Groundwater	Surface water
Cadmium	<b>√</b>	<b>√</b>	<b>√</b>
Copper	<b>√</b>	<b>√</b>	<b>√</b>
Iron	<b>√</b>	<b>√</b>	<b>√</b>
Lead	<b>√</b>	<b>√</b>	<b>√</b>
Nickel	<b>√</b>	<b>√</b>	<b>√</b>
Zinc	<b>√</b>	<b>√</b>	<b>√</b>
Ammoniacal Nitrogen	<b>√</b>	<b>√</b>	<b>√</b>
Fluoranthene	<b>√</b>	<b>√</b>	<b>√</b>
Benzo (a) pyrene	<b>√</b>	<b>√</b>	<b>√</b>
Arsenic	<b>√</b>	x	x
Chromium Hexavalent	<b>√</b>	x	x
Chromium	✓	×	×
Mercury	✓	×	×
Vanadium	<b>√</b>	×	×
Sulphate	<b>√</b>	<b>√</b>	<b>√</b>
Phenol	×	<b>✓</b>	×
Cyanide	×	<b>√</b>	x



Determinand	Soil leachate	Groundwater	Surface water
Chlorpyriphos	×	<b>√</b>	×
Anthracene	×	<b>√</b>	×
Chloride	×	<b>✓</b>	×
Manganese	×	<b>√</b>	×
Trichloroethene	×	<b>√</b>	×

6.1.3 Additionally, several determinants exceeded the EQS values in groundwater samples only including phenol, cyanide, chlorpyriphos, anthracene, chloride, manganese, and trichloroethene. These exceedances are isolated to one or two exploratory hole locations across the scheme and are not considered to be widespread.

#### **Ground gas**

- 6.1.4 The purpose of ground gas monitoring was as a preliminary assessment to consider the risks to construction and maintenance workers.
- 6.1.5 The proposed scheme does not include for above ground structures with person entry. Therefore, based on the site-specific ground investigation and following the guidance in CIRIA C665<sup>28</sup> and BS8485:2015+A1:2019<sup>29</sup>, the ground gas generation potential at the scheme and the impact on the proposed works is not considered significant and the scheme has been classified as Characteristic Situation CS1 (very low risk). There is therefore no requirement to carry out further investigation of derived hazardous ground gases for the purpose of designing mitigative measures. Ground gas protection measures are not required.
- 6.1.6 Acute risk to construction and maintenance workers from hazardous ground gases is assessed by comparison of gas concentrations with the Health and Safety Executive 'Workplace Exposure Limits' (WELs) EH40/2005 document<sup>30</sup>. WELs represent concentrations of hazardous substances in air, averaged over a specified time period, referred to as a 'time-weighted average' (TW). Two time periods are used; Long-term (8 hours); and Shortterm (15 minutes). Of the monitored hazardous gases on-site,

<sup>&</sup>lt;sup>28</sup> Construction Industry Research and Information Association. (2007) Assessing risks posed by hazardous ground gases to buildings. London: CIRIA

<sup>&</sup>lt;sup>29</sup> British Standards Institution, (2019). BS 8485:2015+A1:2019 – Code of Practice for the Design of Protective Measures for Methane and Carbon Dioxide Ground Gases for New Buildings. British Standards Institution: London

<sup>&</sup>lt;sup>30</sup> Health and Safety Executive, (2011). EH40/2005 Workplace Exposure Limits. Health and Safety Executive: London



- WELs are available for CO<sub>2</sub>, H<sub>2</sub>S and CO. WELs are not available for CH<sub>4</sub>.
- 6.1.7 Elevated carbon dioxide concentrations (over 0.5%vol for the long term WEL) were encountered at all locations during the monitoring programme. Given the elevated recordings are consistent across the scheme the source of the ground gas is considered to be natural from the underlying Alluvium and Mercia Mudstone.
- 6.1.8 Potential risk from ground gases to construction workers working in excavations and other confined spaces will be dealt with by the Contractor, in-accordance with current Confined Spaces Regulations.

#### **6.2 Hotspot**

6.2.1 A generalised diagrammatic conceptual ground model for the contamination hotspot is presented in Figure 6-16-1 and Figure 6-2. This is to aid the discussion and visualisation of the revised CSM presented in this report.

•

Figure 6-1 Generalised diagrammatic scheme Conceptual Ground Model of contamination hotspot, northeast to southwest cross section

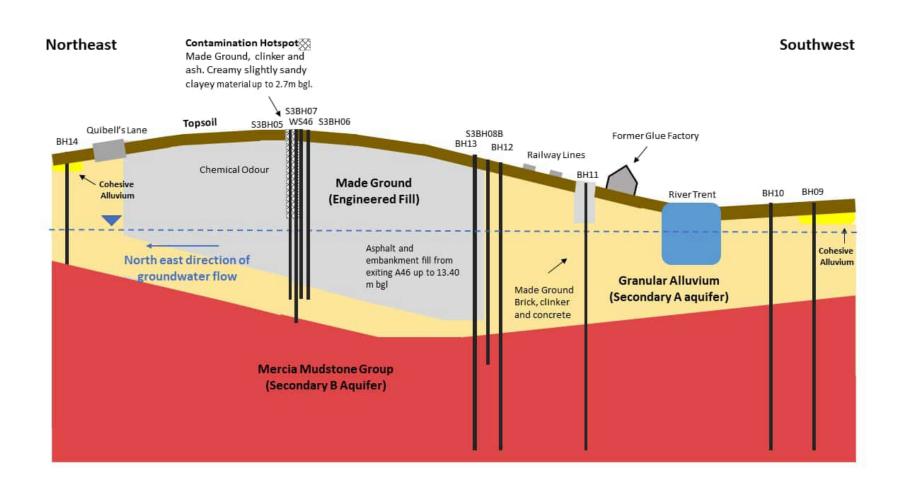
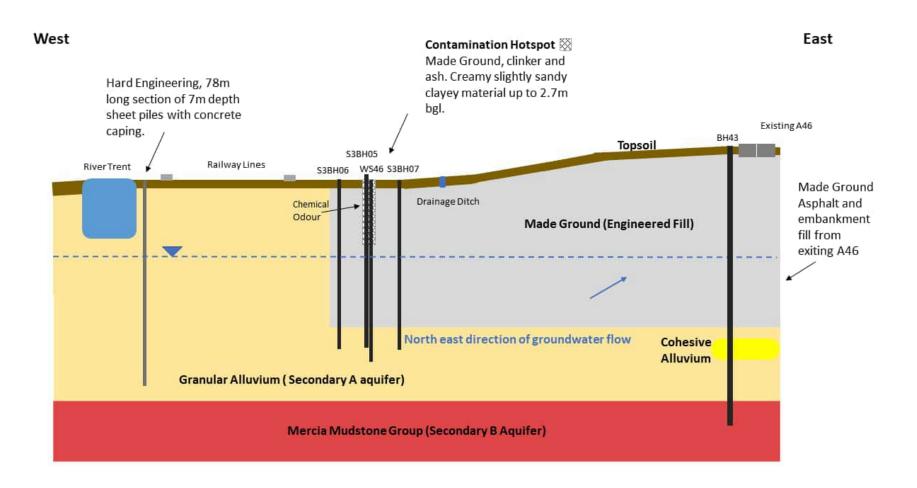




Figure 6-2 Generalised diagrammatic scheme conceptual ground model of hotspot, west to east cross section



#### **Human health**

- 6.2.2 A localised area of soil contamination was identified in the centre of the scheme near Nether Lock during the Tetra Tech scheme specific GI as contained in Appendix F. Visual and olfactory evidence of contamination was recorded at exploratory hole location of WS46. The contamination was identified at the base of the Made Ground layer in the Alluvium between 2.5 and 3.65 metres below ground level. The ground was described as cream slightly sandy clayey sand, where a 'chemical odour' was observed. Subsequent laboratory soil testing data from the location of WS46 at 2.3 metres below ground level identified contaminant levels above soil generic screening criteria (GSC) guideline levels, including elevated concentrations of arsenic, aromatic hydrocarbons and naphthalene.
- 6.2.3 Approximately 240 metres south of WS46, at the location of the former Quibell Brothers chemical manure factory, soil GSC values were exceeded at exploratory hole location of BH11. Laboratory soil test results identified GSC exceedances of concentrations of PAHs (dibenz-a-h-anthracene, benzo(b)fluoranthene and benzo(a)pyrene) at 0.1 metres below ground level in the Made Ground. No visual or olfactory evidence of contamination was recorded in the borehole log. PAHs are formed during the incomplete combustion of organic materials. The sample which recorded the minor exceedances is from shallow Made Ground. The location of BH11 is within an existing small compound area, currently occupied by vehicles and caravans. A review of BGS historical logs<sup>2Error! Bookmark not defined.</sup> has revealed that two exploratory holes (BH234 and BH233) adjacent to BH11 encountered a concrete slab at a depth of up to 0.2 m bgl from ground level. Whilst, historical mapping indicates that the BH11 area was once occupied by Quibell Brothers chemical manure factory (previously demolished), the likely source of the PAHs is from recent land use.
- 6.2.4 Available historical mapping and aerial imagery for the scheme do not identify any buildings/structures or sources of contamination directly at the location of WS46. The potential source of the contamination identified at the location of WS46 is likely the adjacent historical Quibell Brothers chemical manure factory. This



factory is reported<sup>31</sup> <sup>32</sup> to have produced a number of products from the late 1890s to early 1900s including; chemical manure (production process used hydrocarbons to extract grease from bones), sheep dip powder and liquid sheep dip (both made through arsenical preparation), a carbolic dip in the form of a solid paste containing carbolic acid, and also a disinfectant called 'kerol'. During the enabling and construction earthworks of the existing A46, it is possible that a small volume of site won material from the demolition location of the chemical manure factory was deposited at the location of WS46. On review there are no other likely credible sources in the area, a historical borehole on the BGS² mapped in close proximity does not identify Made Ground.

6.2.5 The soft white pastey/chalky substance, chemical odour and laboratory test data recorded from WS46 appears to be consistent with the products described above. The location of the contamination hotspot and parts of the British Glues and Chemicals Ltd Quibell Bros Glue Factory (previously named "Chemical Manure Works" on other historical mapping) are shown to be demolished during construction of the existing A46 in Photograph 6.1 below.

<sup>&</sup>lt;sup>31</sup> Quibells Brothers Ltd, Available at: <u>British Glues and Chemicals (themeister.co.uk)</u>, last accessed 24<sup>th</sup> January 2023

<sup>&</sup>lt;sup>32</sup> Nottingham County Council, Inspire Archive: Croid's Glue Factory, Winthorpe Road, Newark on Trent, 1948 Available at: <u>Croid's Glue Factory, Winthorpe Road, Newark on Trent, 1948 | Inspire (inspirepicturearchive.org.uk)</u> last accessed 30<sup>th</sup> January 2023



## Photograph 6.1 Contamination hot spot aerial photograph from construction of existing A46 road.



Source: National Highways (photograph ID 2164). Viewed southwest, date not provided, but is assumed to be 1988 -1991, based on initial construction period of existing A46.

- 6.2.6 The 2022/2023 supplementary ground investigation, which included delineation of the contamination hotspot, identified further visual and olfactory contamination at an exploratory hole (S3BH05) located adjacent to the north of WS46 as contained in Appendix F. The presence of a soft white paste/chalky textured material similar to that noted at WS46 was present at the location of S3BH05, where a strong chemical odour was recorded between 1.20 2.80 metres below ground level. Furthermore, chemical testing identified a total of 4 exceedances against the commercial screening criteria at S3BH05 only within the Made Ground for dibenz-a-h-anthracene, benzo(b)fluoranthene and benzo(a)pyrene at 1.65m and arsenic at 2.9m. Consequently, the results of the supplementary GI indicated that the contamination is situated at a depth which presents a low risk to human health and not present in the shallow soils.
- 6.2.7 Earthworks and vegetation clearance are not proposed in the footprint of the contamination hotspot area (WS46 – S3BH05) and the contamination will therefore remain in situ at this location. At its closest point, excavation works are anticipated for the construction of the A46 embankment, located approximately 8m east of the



- contamination hotspot, between the existing ditch and toe of the embankment as shown in the Environmental Master Plan Drawing.
- 6.2.8 With respect to construction workers, the location of the contamination hotspot (WS46 S3BH05) will be recorded and documented by the detailed design consultant and shared to the Principal Contractor. Before construction commences, the Principal Contractor will install fencing and signage, clearly identifying and restricting access to the area.
- 6.2.9 Whilst BH11 identified human health exceedances and is in the Order Limits, it is within the likely extent of the temporary works. The existing vehicles and caravans at this location will be removed prior to construction to facilitate temporary works, including piling matt area and heavy lift crane pad area, which would provide a hard to dig layer, effectively providing sufficient permanent hardstanding to break the potential pollutant linkages to site end users. Furthermore, upon completion the Structures Options Report (Nether Lock Viaduct)<sup>33</sup> advises that maintenance staff are anticipated to inspect Nether Lock Viaduct a minimum of once a year from the east, with maintenance access avoiding the location of BH11.

#### **Controlled waters**

- 6.2.10 Arsenic, chromium, chromium hexavalent, mercury, and vanadium exceeded the EQS values in leachate extract from soil samples. These exceedances are considered to be localised to the Nether Lock area in close proximity to the former glue factory. Given the elevated arsenic concentrations in the soil samples from this area, it is likely that the source of this contamination is also associated with the former glue factory. The results of the leachate extract from soil confirms that this material is leachable, however the contamination is isolated and is not present in the surrounding ground water or surface water samples. In addition, surface run-off from the new embankment will be intercepted by a new surface water drainage channel, before it reaches the hotspot area, thereby reducing the potential for leachate generation at the hotspot area.
- 6.2.11 Groundwater monitoring data at Nether Lock suggests that the groundwater fluctuates between 1.4m bgl and 3.5m bgl in the Made Ground and granular alluvium stratum. Across the majority of the scheme groundwater has been observed as following the hydraulic gradient of the River Trent, flowing in a northeasterly direction from

<sup>33</sup> Mott MacDonald Structures Options Report Nether Lock Viaduct, 23/05/23



- the southwest. Therefore, potential migration of contaminated groundwater or leachates at the hotspot area is away from the River Trent.
- 6.2.12 Given the scheme design and isolated contamination, the exceedances recorded in leachate, surface water and groundwater are considered to largely be reflective of the wider ground condition. Therefore, it is considered that the scheme will not pose a significant risk to controlled waters. Overall, leachate concentrations of elevated determinants are expected to largely reduce, from the addition of clean embankment fill material and impermeable road surface, with incorporated drainage. Consequently, there may be localised betterment along the new embankment arising from reduced leachate generation potential.

## **6.3 Revised Conceptual Model**

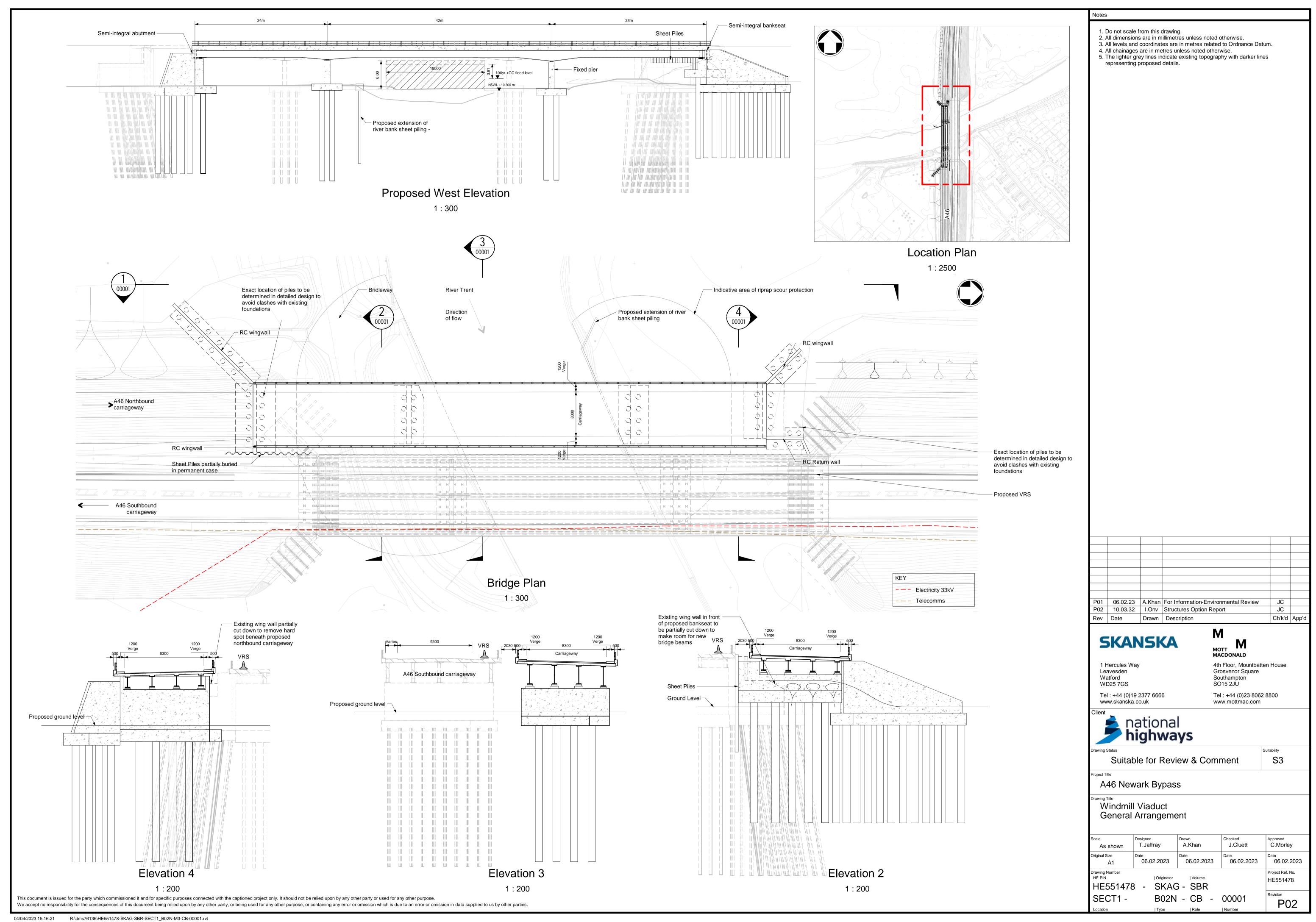
- 6.3.1 A key element of the risk assessment is the development of a conceptual site model (CSM) which may be refined or revised as more information and understanding is obtained through the risk assessment process. A CSM has previously been developed for the scheme, as detailed in the PSSR and summarised in Section 3.
- 6.3.2 Following a review of all the available ground investigation results, the CSM has been revisited and the potential pollutant linkages have been refined. A summary of the potential sources, pathways and receptors and the potential pollutant linkages based on the information obtained to date is presented in this section.
- 6.3.3 The following assumptions and exclusions apply to this revised conceptual model:
  - It is assumed that standard mitigation strategies will be adopted as part of construction works, these include use of appropriate personal protective equipment (PPE) and respiratory protective equipment (RPE) to be assessed by the Contractor based on this assessment prior to works and during works if undiscovered contamination is encountered. The Contractor will also use working method statements during construction, reflecting the guidance within the First Iteration Environmental Management Plan (EMP) and Second Iteration EMP and unexpected contamination protocol.
  - It is assumed that earthworks and vegetation clearance are not proposed in the footprint of the contamination hotspot area (WS46 and S3BH05) at Nether Lock and the contamination will therefore remain in situ at this location.

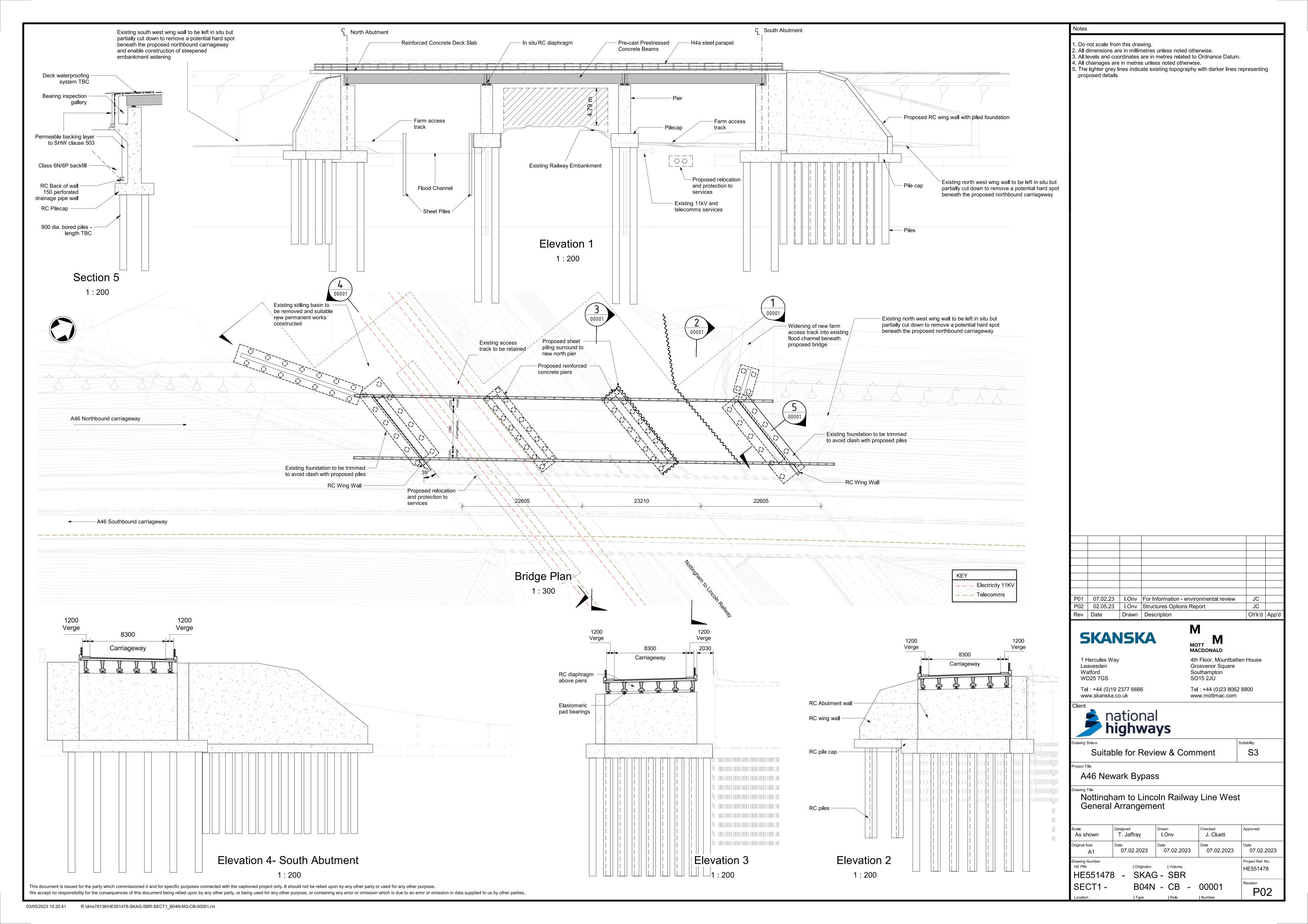


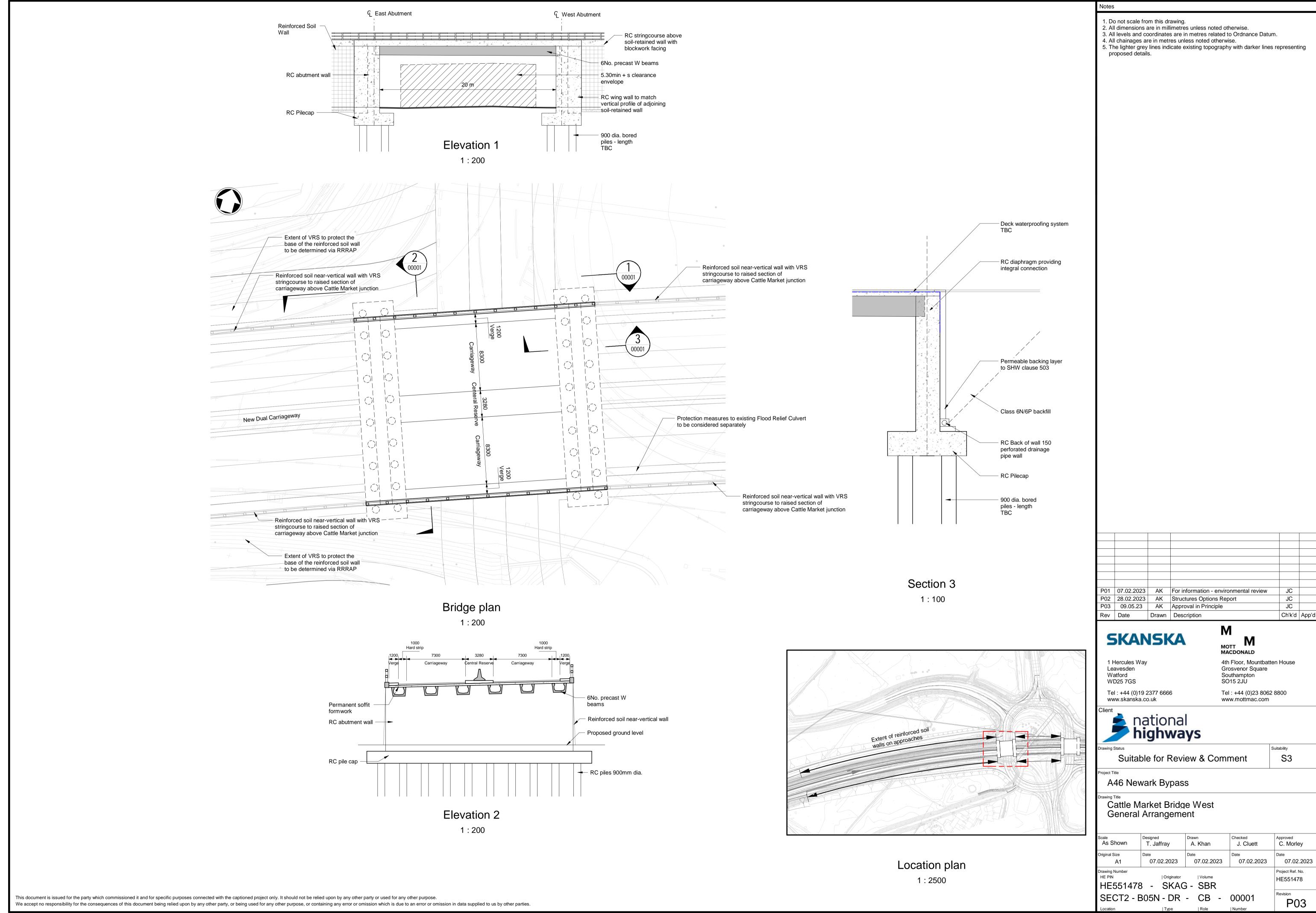
- It is understood that the land at BH11 will include a piling matt area and heavy lift crane pad area, which would provide a hard to dig layer, effectively providing sufficient permanent hardstanding to break the potential pollutant linkages to site end users.
- It is assumed that all new below-ground infrastructure, will be designed to consider the prevailing ground conditions.
- No visual observations were made with regards to asbestos during the ground investigations and no asbestos fibres were detected during the laboratory screening of the soil samples.
   Should asbestos or asbestos containing material be identified on site, it is recommended that a specialist Contractor is appointed to address the issue and to provide advice on risk or remedial measures.
- 6.3.4 Based on the results of the ground investigation, it should be noted that off-site sources of contamination have been discounted from the revised conceptual site model.

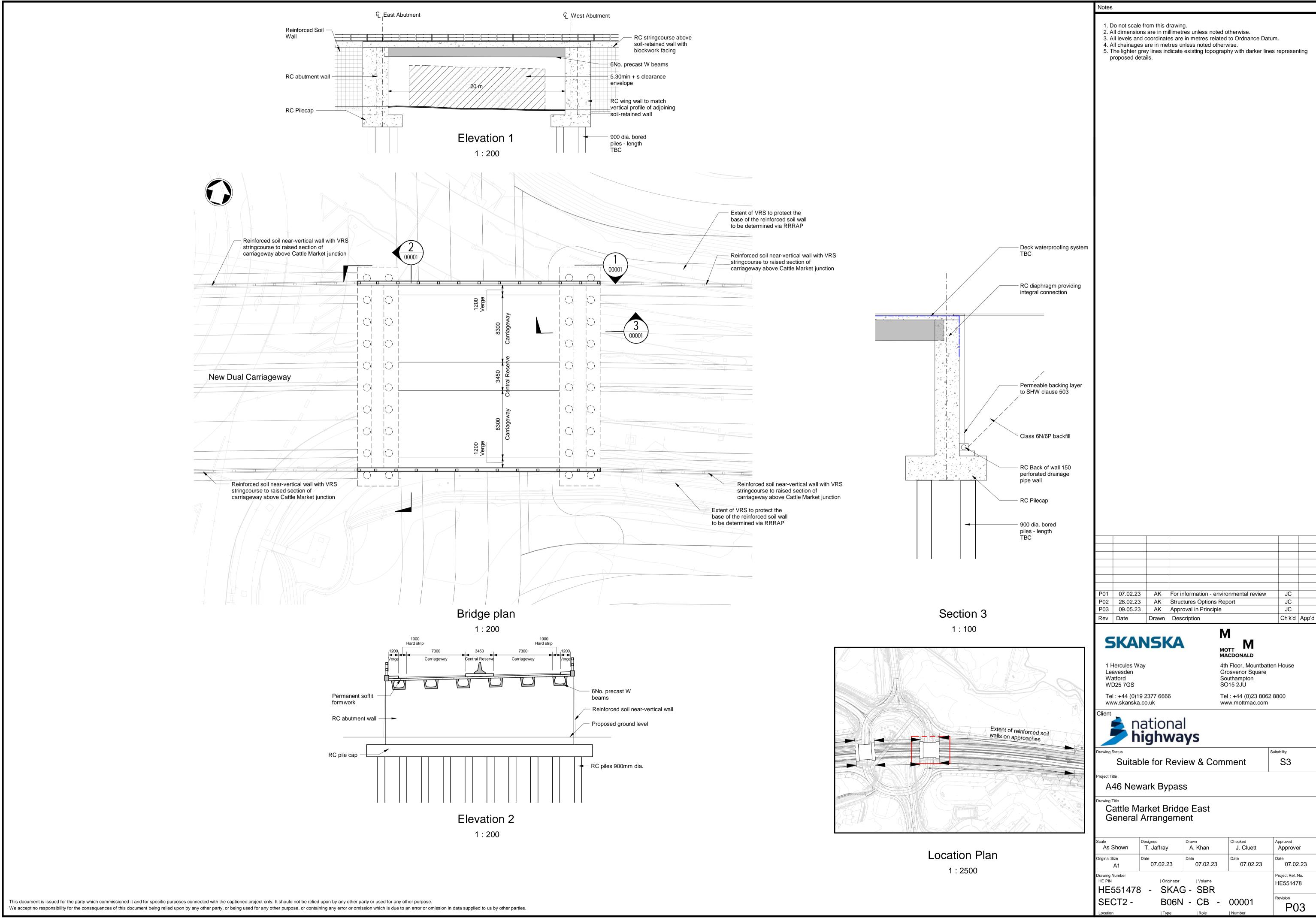


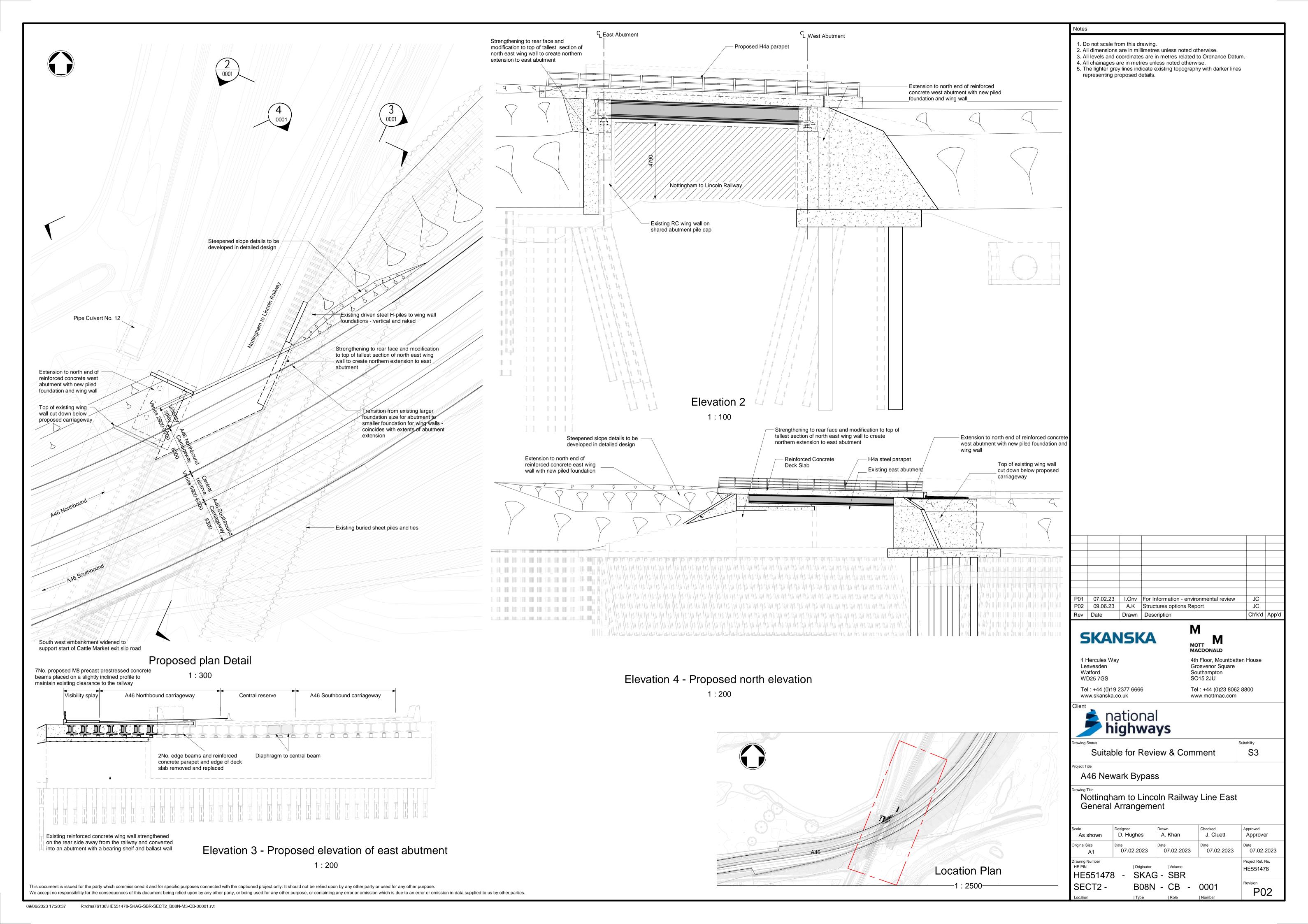
## **Appendix G Structures Option Report Drawings**

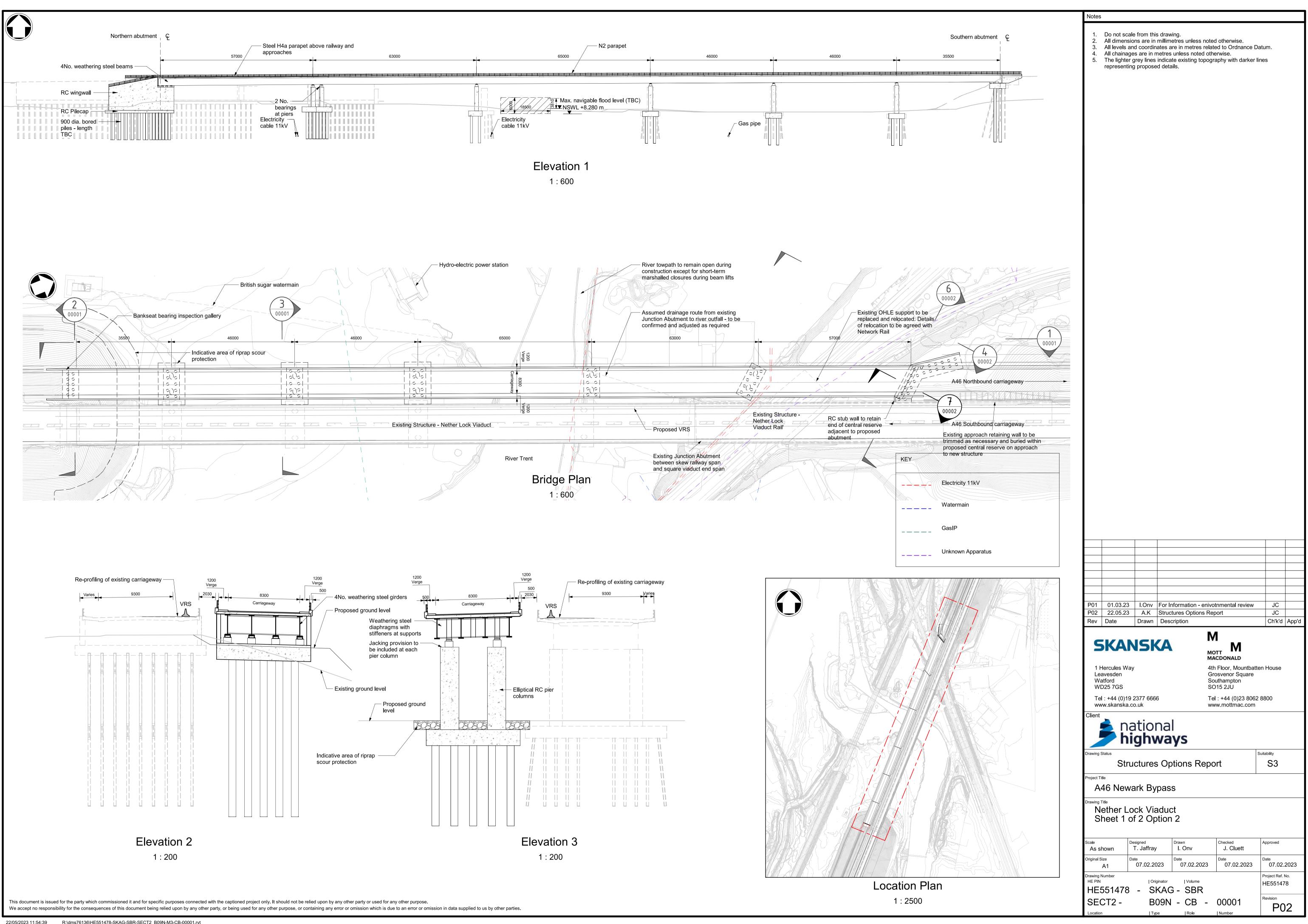


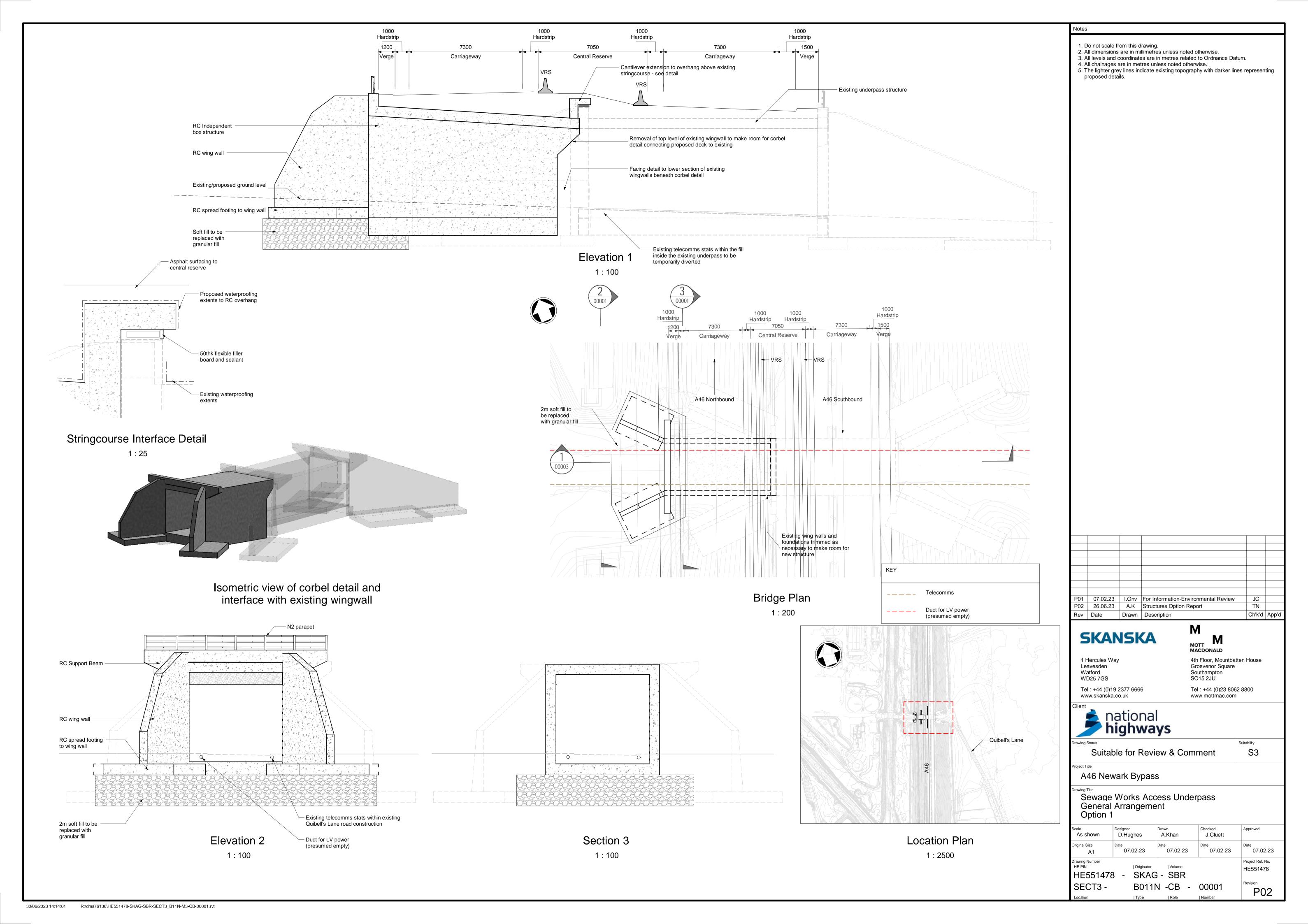


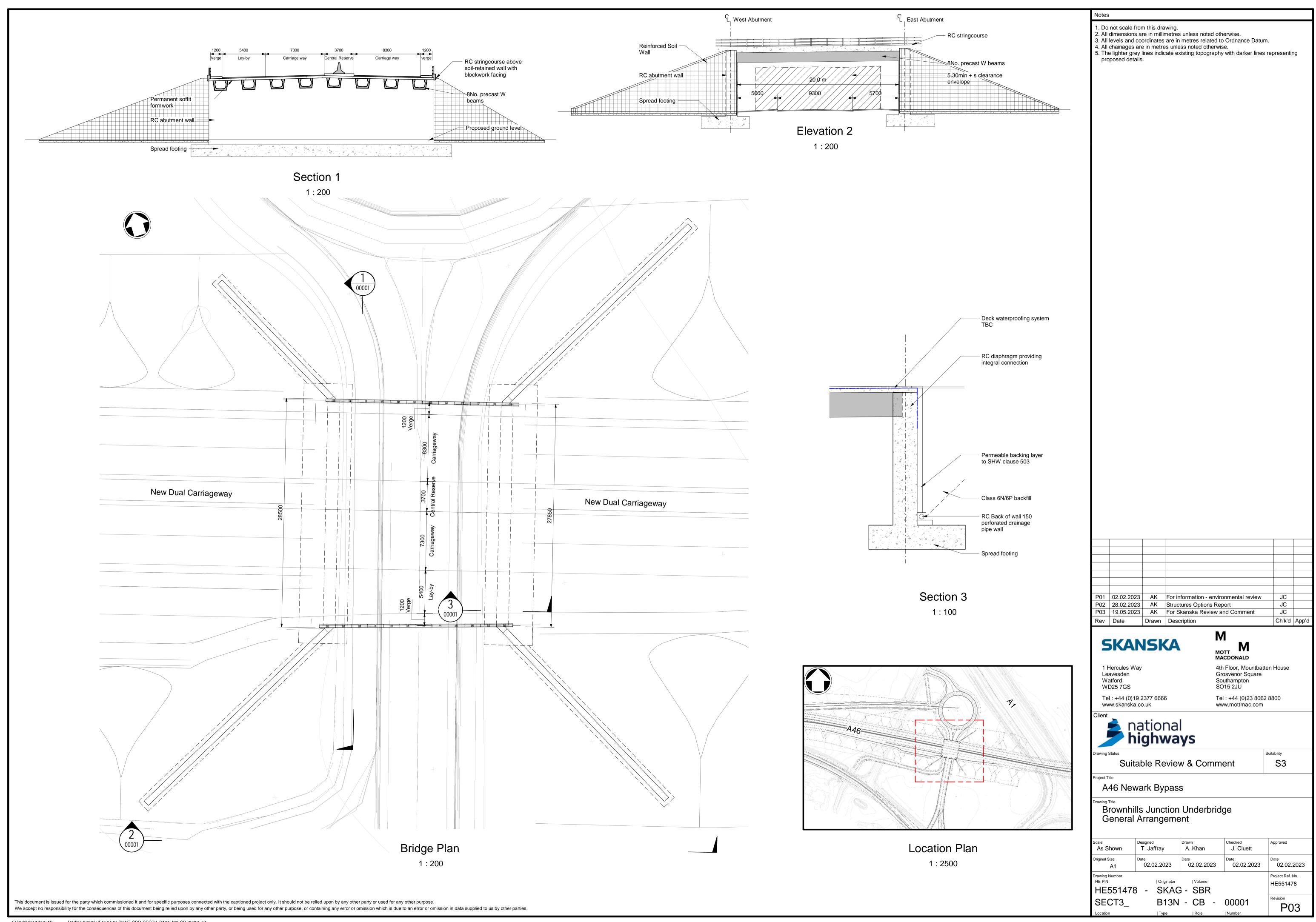


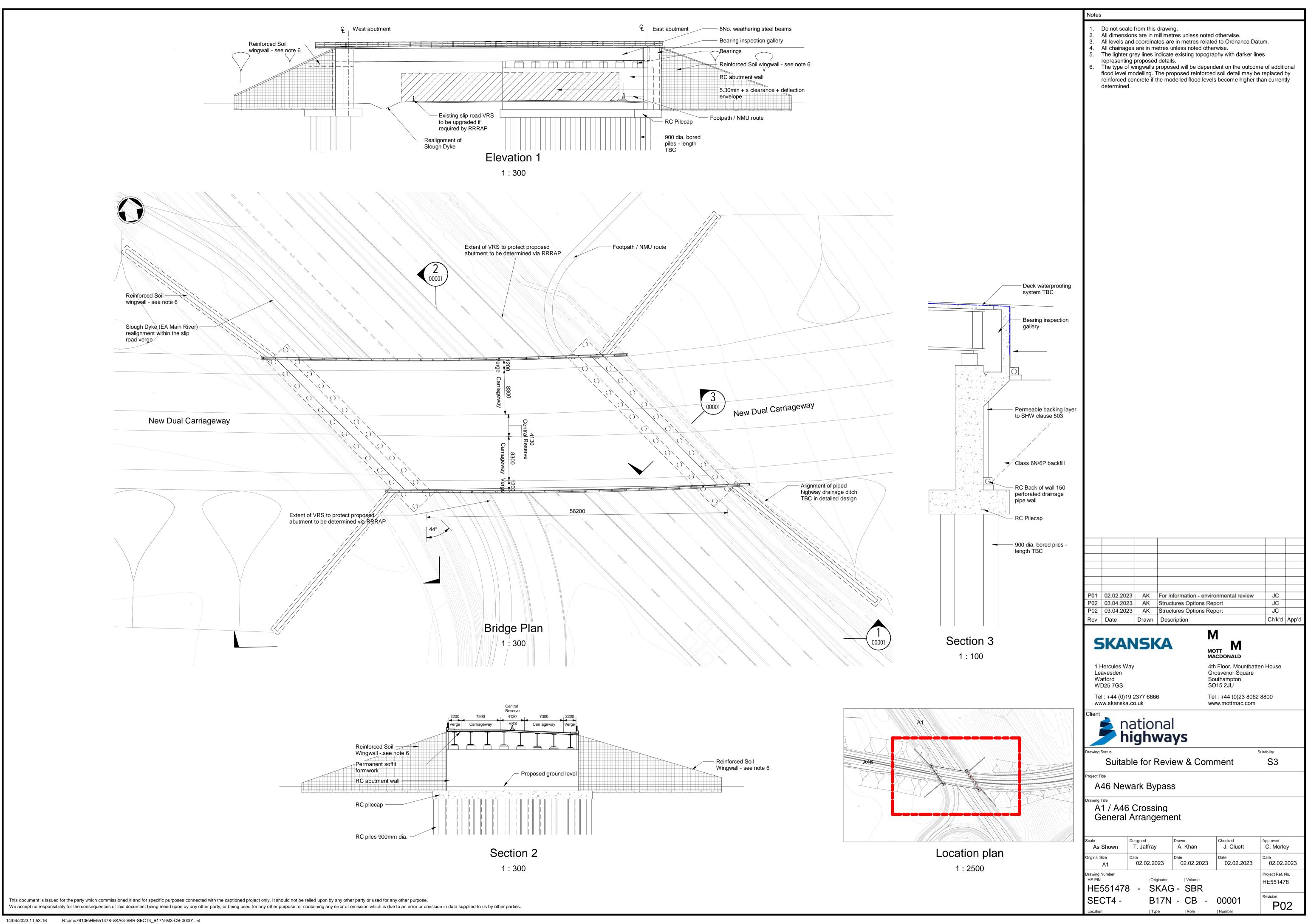














# **Appendix H: HazWasteOnline**<sup>™</sup>

## Waste Classification Report

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

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





#### Job name

#### A46 Scheme

#### **Description/Comments**

It should be noted that hexavalent chromium (chromium VI) concentrations were found below laboratory detection limits within all samples, therefore for the purposes of this assessment it has been assumed that no chromic compounds are present.

The software assesses TPH (aliphatic and aromatic) for fractions C5 - C40, however testing results only provide the EPH hydrocarbon fractions for C5 - C40, therefore the results may be underrepresented. Further analysis will be needed to fully classify the material prior to any disposal. Unusual results e.g. WS46 should be discussed with the laboratory further.

**Project** Site

A46 A46 Scheme - 6.5km between Farndon and Winthorpe

#### Classified by

Name: Company:

**Mott MacDonald Limited** Date: Floor 4, Derwent House, 06 Jun 2023 14:28 GMT 150 Arundel Gate,

Telephone: **S1 2JY** 

+441142283830

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 08 Dec 2022

Next 3 year Refresher due by Dec 2025

#### Purpose of classification

#### 2 - Material Characterisation

## Address of the waste

N/A Post Code N/A

## SIC for the process giving rise to the waste

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

Commercial - National Highways

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

Waste associated with the construction of the road, including earth works (embankments and cuttings), and waste arising from any accidents/spillages and maintenance of the road

### Description of the waste

Variable made ground



## Job summary

JUD	Sullillary				
#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH02	0.6	Non Hazardous		6
2	BH03	0.5	Non Hazardous		9
3	BH03A	0.1	Non Hazardous		12
4	BH03A[2]	0.6	Non Hazardous		15
5	BH05	0.3	Non Hazardous		18
6	BH05[2]	3	Non Hazardous		22
7	BH06	0.4	Non Hazardous		26
8	BH06[2]	1.3	Non Hazardous		30
9	BH08	0.6	Non Hazardous		34
10	BH08[2]	8.6	Non Hazardous		38
11	BH08[3]	10.5	Non Hazardous		42
12	BH10	0.1	Non Hazardous		43
13	BH11	0.1	Hazardous	HP 3(i), HP 7, HP 11	46
				11F 3(1), 11F 7, 11F 11	
14	BH11[2]	3.5	Non Hazardous		50
15	BH12	0.3	Non Hazardous		53
16	BH13	1.5	Non Hazardous		57
17	BH13[2]	14.4	Non Hazardous		61
18	BH14	0.4	Non Hazardous		65
19	BH15	0.7	Non Hazardous		68
20	BH16	0.1	Non Hazardous		71
21	BH16[2]	0.7	Non Hazardous		72
22	BH17	0.4	Non Hazardous		75
23	BH18	0.1	Unknown. Chemistry data not		78
			provided.		
24	BH18[2]	0.5	Non Hazardous		79
25	BH18[3]	1.5	Non Hazardous		83
26	BH19	0.2	Non Hazardous		86
27	BH24	1	Non Hazardous		90
28	BH25	0.4	Non Hazardous		91
29	BH25[2]	1	Non Hazardous		92
30	BH25[3]	6	Unknown. Chemistry data not		96
30	Bi 123[3]	O	provided.		90
31	PH3E(4)	6.2	Non Hazardous		97
	BH25[4]				
32	BH26	0.9	Non Hazardous		101
33	BH26[2]	3.6	Unknown. Chemistry data not		105
			provided.		
34	BH26[3]	4.6	Non Hazardous		106
35	BH27	5.4	Unknown. Chemistry data not		110
			provided.		
36	BH28	1	Non Hazardous		111
37	BH28[2]	6.4	Non Hazardous		115
38	BH29	8.5	Unknown. Chemistry data not		119
			provided.		
39	BH30	0.4	Non Hazardous		120
40	BH30[2]	1	Non Hazardous		124
41	BH30[3]	10.8	Non Hazardous		128
42	BH30[4]	11.7	Non Hazardous		132
43	BH31	11.8	Unknown. Chemistry data not provided.		136
4.4	DUIDO	0.4	•		407
44	BH32	0.4	Non Hazardous		137
45	BH32[2]	1	Non Hazardous		141
46	BH33	1	Non Hazardous		144
47	BH33[2]	2.2	Non Hazardous		148
48	BH33[3]	6.9	Non Hazardous		152
49	BH34	0.4	Non Hazardous		156
50	BH34[2]	0.9	Non Hazardous		160
51	BH34[3]	5.2	Non Hazardous		164
52	BH35	1	Non Hazardous		167
53	BH35[2]	1.7	Non Hazardous		171
54	BH35[3]	4.4	Non Hazardous		175
55	BH36	1	Non Hazardous		178
56	BH37	0.4	Non Hazardous		182
57	BH37[2]	4.2	Non Hazardous		186
58	BH38	0.4	Non Hazardous		189
		0.1			. 50



	Sample name	Depth [m]	Classification Result Hazard properties	Page
59	BH38[2]	5.7	Non Hazardous	193
60	BH42	1	Non Hazardous	197
61	BH42[2]	9.8	Non Hazardous	201
62	BH42[3]	10.5	Non Hazardous	205
63	BH43	1.3	Non Hazardous	209
64	BH43[2]	6.9	Non Hazardous	213
65	BH43[3]	10.5	Unknown. Chemistry data not provided.	217
66	BH44	0.4	Non Hazardous	218
67	BH44[2]	1.4	Non Hazardous	219
68	BH44[3]	5.4	Non Hazardous	223
69	BH45	0.55	Non Hazardous	227
70	BH45[2]	7.5	Unknown. Chemistry data not	228
	51110[2]	1.0	provided.	220
71	BH45A	1.7	Non Hazardous	229
72	BH45A[2]	6.4	Non Hazardous	233
73	BH47	0.1	Non Hazardous	236
74	BH48	0.7	Non Hazardous	239
75	BH49	0.1	Unknown. Chemistry data not	243
			provided.	
76	BH49[2]	0.5	Non Hazardous	244
77	BH51	0.1	Unknown. Chemistry data not provided.	247
78	BH52	0.1	Unknown. Chemistry data not	248
70	DI 102	0.1	provided.	240
79	BH53	0.1	Unknown. Chemistry data not	249
			provided.	
80	BH53[2]	0.5	Non Hazardous	250
81	BH54	0.4	Non Hazardous	253
82	BH55	0.1	Non Hazardous	256
83	BH58	0.3	Non Hazardous	259
84	BH60	0.3	Unknown. Chemistry data not	263
	Pulos		provided.	
85	BH61	1.3	Non Hazardous	264
86	BH62	0.3	Non Hazardous	267
87	BH63	0.4	Non Hazardous	270
88	BH65	0.1	Non Hazardous	273
89	BH65[2]	0.4	Non Hazardous Non Hazardous	276
90	BH66	0.1		277
91 92	BH66[2] TP01	0.2	Non Hazardous Non Hazardous	280 281
	TP02	0.2		284
93		0.2	Non Hazardous Non Hazardous	287
	TP02[2] TP04	1		288
95 96	TP05		Non Hazardous	289
90	1705	1.6	Unknown. Chemistry data not provided.	209
97	TP08	0.5	Non Hazardous	290
98	TP08[2]	1.2	Unknown. Chemistry data not	291
			provided.	
99	TP10	0.2	Non Hazardous	292
100	TP10[2]	1	Non Hazardous	295
101	TP13	0.2	Non Hazardous	296
102	TP13[2]	0.8	Non Hazardous	300
103	TP27	0.7	Non Hazardous	301
104	TP32	0.7	Non Hazardous	305
105	TP35	0.7	Non Hazardous	308
106	TP38	0.1	Non Hazardous	311
107	TP39	0.1	Non Hazardous	314
108	TP39[2]	0.4	Non Hazardous	317
109	TP42	0.7	Non Hazardous	318
110	TP43	0.6	Non Hazardous	321
111	TP46	0.1	Non Hazardous	325
112	TP49	0.1	Non Hazardous	328
113	TP50	0.8	Non Hazardous	331
114	WS04	0.1	Unknown. Chemistry data not	334
			provided.	
115	WS04[2]	0.9	Non Hazardous	335



	Sample name	Depth [m]	Classification Result	Hazard properties	Page
116	WS08	0.1	Unknown. Chemistry data not		338
			provided.		
117	WS08[2]	0.7	Non Hazardous		339
118	WS10	0.1	Non Hazardous		342
119	WS12	0.1	Unknown. Chemistry data not		345
120	WS13	0.9	provided. Non Hazardous		346
120	WS15	0.9			349
121	W315	0.1	Unknown. Chemistry data not provided.		348
122	WS17	0.6	Non Hazardous		350
123	WS23	0.1	Unknown. Chemistry data not		353
			provided.		
124	WS23[2]	0.9	Non Hazardous		354
125	WS26	0.1	Non Hazardous		357
126	WS28	0.1	Unknown. Chemistry data not		360
			provided.		
127	WS28[2]	0.7	Non Hazardous		361
128	WS29	0.1	Non Hazardous		364
129	WS46	2.3	Hazardous	HP 3(i), HP 7, HP 8, HP 11, HP 14	367
130	WS46[2]	3	Non Hazardous		372
131	WS48	0.6	Non Hazardous		376
132	WS48[2]	2.5	Unknown. Chemistry data not		380
			provided.		
133	WS50A	1.5	Non Hazardous		381
134	WS50A[2]	2.5	Unknown. Chemistry data not		385
105	MOEA	0.6	provided.		206
135	WS54	0.6	Non Hazardous		386
136	WS54[2]	3	Unknown. Chemistry data not provided.		389
137	WS57	0.1	Unknown. Chemistry data not		390
		0	provided.		333
138	WS57[2]	1	Non Hazardous		391
139	WS64	0.1	Unknown. Chemistry data not		394
			provided.		
140	WS64[2]	1.8	Non Hazardous		395
141	WS65	0.6	Non Hazardous		398
142	WS66	0.1	Non Hazardous		401
143	WS66[2]	0.9	Non Hazardous		402
144	WS68	0.1	Non Hazardous		405
145	WS69	0.1	Non Hazardous		408
146	WS72	0.1	Non Hazardous		411
147	WS72[2]	0.8	Non Hazardous		412
148	WS73	0.1	Non Hazardous		415
149	S3BH01	0.5	Non Hazardous		418
150	S3BH01[2]	1.4	Non Hazardous		420
151	S3BH02	0.5	Non Hazardous		422
152	S3BH02R	0.5	Non Hazardous		425
153	S3BH05	0.5	Non Hazardous		428
154	S3BH05[2]	1	Non Hazardous		431
155	S3BH05[3]	1.5	Non Hazardous		434
156	S3BH05[4]	1.65	Non Hazardous		437
157	S3BH05[5]	2.5	Non Hazardous		440
158	S3BH05[6]	2.9	Hazardous	HP 3(i), HP 7, HP 11	443
159	S3BH05[7]	3.2	Hazardous	HP 3(i), HP 7, HP 11	446
160	S3BH05[8]	4.9	Non Hazardous	••	449
161	S3BH05R	0.5	Non Hazardous		452
162	S3BH05R[2]	1	Non Hazardous		455
163	S3BH05R[3]	1.5	Non Hazardous		458
164	S3BH05R[4]	1.65	Non Hazardous		461
165	S3BH05R[5]	2.5	Non Hazardous		464
166	S3BH05R[6]	3.2	Non Hazardous		467
167	S3BH06	0.2	Non Hazardous		470
168	S3BH06[2]	1.2	Non Hazardous		473
169	S3BH06R	0.2	Non Hazardous		476
170	S3BH06R[2]	1.2	Non Hazardous		470
171	S3BH06R[3]	3	Non Hazardous		482
172	S3BH07R	0.8	Non Hazardous		485
173	S3BH07R[2]	1.2	Non Hazardous		488
	OOD TOTALL	1.2			+00

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#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
174	S3BH07R[3]	2	Non Hazardous		491
175	S3BH07R[4]	3.3	Non Hazardous		494
176	S3BH08B	0.2	Non Hazardous		497
177	S3BH08B[2]	1.4	Non Hazardous		500
178	S3BH09R	1	Non Hazardous		503
179	S3BH11	0.5	Non Hazardous		506
180	S3BH11[2]	2.5	Non Hazardous		508
181	S3BH14R	0.2	Non Hazardous		510
182	S3BH14R[2]	0.5	Non Hazardous		513
183	S3BH14R[3]	1	Non Hazardous		516
184	S3BH15	0.5	Non Hazardous		519
185	S3BH15[2]	6.9	Non Hazardous		522
186	S3TP06	0.2	Non Hazardous		524
187	S3TP07	1	Non Hazardous		526
188	S3TP08	0.5	Non Hazardous		528
189	S3TP10	0.2	Non Hazardous		530
190	S3TP18	0.5	Non Hazardous		532
191	S3TP19	1	Non Hazardous		534
192	S3TP21	0.5	Non Hazardous		536
193	S3TP22	0.5	Non Hazardous		539
194	S3TP23	0.5	Non Hazardous		541
195	S3TP24	0.2	Non Hazardous		544
196	S3TP24[2]	2	Non Hazardous		547
197	S3TP25	1	Non Hazardous		550
198	S3TP26	0.2	Non Hazardous		552
199	S3TP27	1	Non Hazardous		554
200	S3TP29	0.5	Non Hazardous		556
201	S3TP34	0.2	Non Hazardous		558
202	S3WS01	0.5	Non Hazardous		560
203	S3WS04	0.5	Non Hazardous		563
204	S3WS07	0.5	Non Hazardous		565
205	S3WS07R	0.5	Non Hazardous		568
206	S3BH16	0.5	Non Hazardous		571
207	S3BH17	1	Non Hazardous		573
208	S3TP36	0.5	Non Hazardous		575
209	S3TP38	1	Non Hazardous		577
210	S3TP41	0.5	Non Hazardous		579
211	S3TP42	0.5	Non Hazardous		581
212	S3TP43	0.8	Non Hazardous		583
213	S3TP39	0.5	Non Hazardous		585

## Related documents

# Name	Description
1 MM standard waste stream for soils	waste stream template used to create this Job

## Report

Created by: Created date: 06 Jun 2023 14:28 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	587
Appendix B: Rationale for selection of metal species	590
Appendix C: Version	591



Classification of sample: BH02

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

#### Sample details

Sample name: LoW Code: BH02 Chapter: Sample Depth:

0.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	l data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		12.4	mg/kg	1.32	16.372	mg/kg	0.00164 %		
2	4		oxide; boric oxide } 215-125-8	1303-86-2		1.2	mg/kg	3.22	3.864	mg/kg	0.000386 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.2	mg/kg	1.142	2.513	mg/kg	0.000251 %		
4	æ\$	chromium in chrom		is { • 1308-38-9		26.4	mg/kg	1.462	38.585	mg/kg	0.00386 %		
5	4	chromium in chromoxide }	J			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ	copper { dicopper of the dicop	oxide; copper (I) ox 215-270-7	kide }		39.6	mg/kg	1.126	44.585	mg/kg	0.00446 %		
7	4	iron { • iron (III) o	xide } 215-168-2	1309-37-1		27600	mg/kg	1.43	39460.957	mg/kg	3.946 %		
8	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6			1	251	mg/kg		251	mg/kg	0.0251 %		
9	æ\$	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		31.7	mg/kg	2.637	83.583	mg/kg	0.00836 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • divapentoxide }		,		34.6	mg/kg	1.785	61.767	mg/kg	0.00618 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		270	mg/kg	2.469	666.71	mg/kg	0.0667 %		
14	0	рН		PH		7.87	рН		7.87	рН	7.87 pH		

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			Determinand		te			Co			Classification	Applied	Cons N.:
#		EU CLP index number	EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC App	Conc. Not Used
15	<b>4</b>	cyanides { salts exception of complete ferricyanides and in specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_	TPH (C6 to C40) p	etroleum aroun		+								
16	0	11 11 (00 to 040) p	Ciroleum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
		benzene		1	+								
17			200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			203-025-9	100-00-3	+							-	
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
-			202-049-4	100-41-4	+							Н	
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene	210-033-1	1034-04-4	+								
22		·	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
			205-917-1	208-96-8	╄								
24	0	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
			201-469-6	83-32-9	-								
25	0	fluorene	I			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			201-695-5	86-73-7	-								
26	0	phenanthrene	loo 4 = 0 4 =	lo= 0.1.0	_	0.0379	mg/kg		0.0379	mg/kg	0.00000379 %		
			201-581-5	85-01-8	+								
27	0	anthracene	204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		0.096	mg/kg		0.096	mg/kg	0.0000096 %		
			200-312-4	200-44-0	+							+	
29	0	pyrene	204-927-3	129-00-0	-	0.0852	mg/kg		0.0852	mg/kg	0.00000852 %		
		benzo[a]anthracen	1	129-00-0	+							-	
30			200-280-6	56-55-3	-	0.0494	mg/kg		0.0494	mg/kg	0.00000494 %		
31		chrysene	1			0.0502	mg/kg		0.0502	mg/kg	0.00000502 %		
			205-923-4	218-01-9	+							+	
32		benzo[b]fluoranthe		b05 00 2	4	0.0827	mg/kg		0.0827	mg/kg	0.00000827 %		
		601-034-00-4 benzo[k]fluoranther	205-911-9	205-99-2	+							-	
33			ne 205-916-6	207-08-9	-	0.0308	mg/kg		0.0308	mg/kg	0.00000308 %		
		benzo[a]pyrene; be	1	_3. 00 0	$\dagger$								
34			200-028-5	50-32-8	-	0.0514	mg/kg		0.0514	mg/kg	0.00000514 %		
25	0	indeno[123-cd]pyre	1	1	$\dagger$	0.000	no = //		0.000:	no //	0.0000000131		
35			205-893-2	193-39-5		0.0394	mg/kg		0.0394	mg/kg	0.00000394 %		
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
	@	benzo[ghi]perylene	1	1	T	6.244					0.000001101		
37			205-883-8	191-24-2	+	0.044	mg/kg		0.044	mg/kg	0.0000044 %		
22		phenol	1	1	T	0.04	//		0.04	"	0.000004.0/		1.00
38		•	203-632-7	108-95-2	1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39		tetrachloroethylene	)			<			<		<		ND
Ĺ			204-825-9	127-18-4	1	,							
,,		cumene; [1] propyll											
40			202-704-5 [1]	98-82-8 [1]	1	<			<		<		ND
			203-132-9 [2]	103-65-1 [2]									



#					Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP					MC	
41		1,3-dichlorbenzene	Э			-		_	_		ND
		602-067-00-7	208-792-1	541-73-1		`					.,,
								Total:	4.067 %		

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

Speciated Determinand **LOD**Below limit of detection

ND Not detected

CLP: Note 1 Only the metal concentration has been used for classification

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Classification of sample: BH03

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

#### Sample details

Sample name: LoW Code:

BH03 Chapter:

Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		13.2	mg/kg	1.32	17.428	mg/kg	0.00174 %		
2	æ\$	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		1.63	mg/kg	1.142	1.862	mg/kg	0.000186 %		
4	4	chromium in chron chromium(III) oxide	nium(III) compound e (worst case) } 215-160-9	s { •		27.5	mg/kg	1.462	40.193	mg/kg	0.00402 %		
5	4	chromium in chron oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$		oxide; copper (I) ox	ide }		29.4	mg/kg	1.126	33.101	mg/kg	0.00331 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		25800	mg/kg	1.43	36887.417	mg/kg	3.689 %		
8	4	lead {	pounds with the execution this Annex (wo		1	139	mg/kg		139	mg/kg	0.0139 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		27.6	mg/kg	2.637	72.773	mg/kg	0.00728 %		
11	<b>4</b>		m compounds with elenide and those s unnex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	pentoxide }	nadium pentaoxide			36.9	mg/kg	1.785	65.873	mg/kg	0.00659 %		
13	_	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		197	mg/kg	2.469	486.451	mg/kg	0.0486 %		
14	0	рН		PH		7.87	рН		7.87	рН	7.87 pH		



#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi			value	MC	Oscu
15	<b>4</b>	cyanides { salts exception of completerricyanides and magnetic specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) pe	etroleum aroup		+								
16		, , , , ,	on oloum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-021-00-3 ethylbenzene	203-625-9	108-88-3	-								
19	9	•	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene		\		<0.045	mg/kg		<0.045	mg/kg	<0.0000045 %		<lod< td=""></lod<>
		601-052-00-2 acenaphthylene	202-049-5	91-20-3	+								
23	0		205-917-1	208-96-8		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26	0	phenanthrene				0.184	mg/kg		0.184	mg/kg	0.0000184 %		
			201-581-5	85-01-8	-								
27	0	anthracene	204-371-1	120-12-7		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		0.488	mg/kg		0.488	mg/kg	0.0000488 %		
29	Θ.	pyrene	203-912-4	200-44-0		0.440			0.440		0.0000440.0/		
29			204-927-3	129-00-0		0.442	mg/kg		0.442	mg/kg	0.0000442 %		
30		benzo[a]anthracend	e 200-280-6	56-55-3		0.319	mg/kg		0.319	mg/kg	0.0000319 %		
31		chrysene				0.308	mg/kg		0.308	mg/kg	0.0000308 %		
32		601-048-00-0 benzo[b]fluoranther	205-923-4 ne	218-01-9	+	0.566	mg/kg		0.566	mg/kg	0.0000566 %		
52		-	205-911-9	205-99-2		0.500	mg/kg		0.500	ilig/kg	0.0000000 /6		
33		benzo[k]fluoranther	ne 205-916-6	207-08-9		0.198	mg/kg		0.198	mg/kg	0.0000198 %		
34		benzo[a]pyrene; be	enzo[def]chrysene	,		0.392	mg/kg		0.392	mg/kg	0.0000392 %		
Ë			200-028-5	50-32-8	1					e'' e	,,,		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.4	mg/kg		0.4	mg/kg	0.00004 %		
36		dibenz[a,h]anthrace		53 70 3		<0.115	mg/kg		<0.115	mg/kg	<0.0000115 %		<lod< td=""></lod<>
27	9	benzo[ghi]perylene	200-181-8	53-70-3	+	0.047	m = //		0.047		0.0000047.0/		
37			205-883-8	191-24-2		0.347	mg/kg		0.347	mg/kg	0.0000347 %		
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
				·						Total:	3.779 %		

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Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

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Classification of sample: BH03A

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

#### Sample details

Sample name: LoW Code: BH03A Chapter: Sample Depth:

0.1 m

Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		11.4	mg/kg	1.32	15.052	mg/kg	0.00151 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.72	mg/kg	1.142	1.965	mg/kg	0.000196 %		
4	4	chromium in chrom		ls { • 1308-38-9		25.9	mg/kg	1.462	37.854	mg/kg	0.00379 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		24.5	mg/kg	1.126	27.584	mg/kg	0.00276 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		31000	mg/kg	1.43	44322.09	mg/kg	4.432 %		
8	æ	lead { lead compospecified elsewher			1	155	mg/kg		155	mg/kg	0.0155 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.137	mg/kg	1.353	0.185	mg/kg	0.0000185 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		32.1	mg/kg	2.637	84.638	mg/kg	0.00846 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				36.1	mg/kg	1.785	64.445	mg/kg	0.00644 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		213	mg/kg	2.469	525.96	mg/kg	0.0526 %		
14	0	pH		PH		7.54	рН		7.54	рН	7.54 pH		

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i l		Determinand											
#		ELLOID: 1		0.000	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	딩							MO	
15		cyanides { salts exception of comp ferricyanides and r specified elsewher	lex cyanides such mercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	-	006-007-00-5	L .		-								
16	0	TPH (C6 to C40) p	etroleum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene	1			<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	ĺ	601-020-00-8	200-753-7	71-43-2	1								
18		toluene				<0.007	mg/kg		< 0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
	-	601-021-00-3	203-625-9	108-88-3	+								}
19	0	ethylbenzene 601-023-00-4	000 040 4	400 44 4	_	<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
	- !		202-849-4	100-41-4	+				<u> </u>			-	
20		xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3	_								
23	0	acenaphthylene	005.047.4	haa aa a		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	+				<u> </u>				
24	0	acenaphinene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	9	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
		fluoranthene	204-371-1	120-12-7	+				<u></u>				
28	•	nuoraninene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
		pyrene		F000		2015			0.045				
29		.,	204-927-3	129-00-0	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30	L	benzo[a]anthracen		EC EE 2		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
$\vdash$	-	601-033-00-9	200-280-6	56-55-3	+								
31		chrysene 601-048-00-0	205-923-4	218-01-9	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		benzo[b]fluoranthe	1	F.00.0	+	0.015			6.015	,,	0.0000017.01		
32		601-034-00-4	205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33	$\rightarrow$	benzo[k]fluoranthe	1			-0.014	ma/ka		<0.014	ma/ka	<0.0000014.9/		<lod< td=""></lod<>
33	ĺ	601-036-00-5	205-916-6	207-08-9		<0.014	mg/kg		<b>CU.U14</b>	mg/kg	<0.0000014 %		LOD
34	Ī	benzo[a]pyrene; be				<0.015	mg/kg	]	<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
Ш	_	601-032-00-3	200-028-5	50-32-8	1		J. J			J J			_
35	Θ	indeno[123-cd]pyre	ene 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac		E2 70 2		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
$\vdash$	-	601-041-00-2	200-181-8	53-70-3	+							H	
37	Θ.	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
		phenol		1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
38	į.	604-001-00-2	203-632-7	108-95-2						3 3			



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

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Classification of sample: BH03A[2]

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

#### Sample details

Sample name: LoW Code:

BH03A[2] Chapter:
Sample Depth:

0.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		11.3	mg/kg	1.32	14.92	mg/kg	0.00149 %		
2	4		1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmiu	1	1306-19-0		1.78	mg/kg	1.142	2.033	mg/kg	0.000203 %		
4	æ		nium(III) compound e (worst case) }	s { •		23.3	mg/kg	1.462	34.054	mg/kg	0.00341 %		
5	4	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8	1308-38-9 Is { chromium(VI)		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
7	æ\$	iron { • iron (III) o		1309-37-1		31300	mg/kg	1.43	44751.013	mg/kg	4.475 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	149	mg/kg		149	mg/kg	0.0149 %		
9	4	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4		32.3	mg/kg	2.637	85.165	mg/kg	0.00852 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	m compounds with elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	æ	vanadium { • divapentoxide }				33.9	mg/kg	1.785	60.518	mg/kg	0.00605 %		
13	æ	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	208	mg/kg	2.469	513.614	mg/kg	0.0514 %		
14	0	рН		PH		7.66	рН		7.66	рН	7.66 pH		



Rer	oort	creat	ted	bv
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#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
15	*	cyanides { salts exception of completerricyanides and magnetic specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) pe	etroleum group			<35	ma/ka		<35	ma/ka	<0.0035 %	П	<lod< td=""></lod<>
		benzene		TPH	-	<33	mg/kg			mg/kg			
17			200-753-7	71-43-2		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
18		toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
		601-021-00-3 ethylbenzene	203-625-9	108-88-3								Н	
19	0	•	202-849-4	100-41-4		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
		xylene											
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
22	0	acenaphthylene	202-043-3	31-20-3		-0.012			-0.012		-0.0000012.0/	Н	-1 OD
23			205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg 	<0.0000012 %	Ш	<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	•	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	000 44 0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	205-912-4	206-44-0		<0.015	ma/ka		<0.015	ma/ka	<0.000015 %	Н	<lod< td=""></lod<>
29			204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %	Ц	<lod< td=""></lod<>
30		benzo[a]anthracene 601-033-00-9	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe		210-01-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			205-911-9	205-99-2								Н	
33		benzo[k]fluoranther 601-036-00-5	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	205-893-2 ene	193-39-5		<0.023	ma/ka		<0.023	ma/ka	<0.0000023 %		<lod< td=""></lod<>
36			200-181-8	53-70-3	1	<0.023	mg/kg		<0.023	mg/kg	VU.UUUUU23 %	Ц	\LUD
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	4.568 %		



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



Classification of sample: BH05

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

#### Sample details

Sample name: LoW Code: BH05 Chapter: Sample Depth:

0.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	arsenic { arsenic tr	ioxide }	1327-53-3		0.84	mg/kg	1.32	1.109	mg/kg	0.000111 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.422	mg/kg	1.142	0.482	mg/kg	0.0000482 %		
4	4	chromium in chrom		ls { • 1308-38-9		232	mg/kg	1.462	339.081	mg/kg	0.0339 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		14.3	mg/kg	1.126	16.1	mg/kg	0.00161 %	Ì	
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		21500	mg/kg	1.43	30739.514	mg/kg	3.074 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	83.5	mg/kg		83.5	mg/kg	0.00835 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		12.1	mg/kg	2.637	31.904	mg/kg	0.00319 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			1.45	mg/kg	1.405	2.037	mg/kg	0.000204 %		
12	4	vanadium { • divapentoxide }				177	mg/kg	1.785	315.978	mg/kg	0.0316 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70	mg/kg	2.469	172.851	mg/kg	0.0173 %		
14	0	pH		PH		11.4	рН		11.4	рН	11.4 pH		

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#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫,	cyanides { salts exception of completerricyanides and name specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	0	TPH (C6 to C40) p	etroleum aroup										
16		, , , , ,	group	TPH		676	mg/kg		676	mg/kg	0.0676 %		
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	200 020 0	1.00.00.0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	1	10.00			10.00		10.000000 /0		
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.045	mg/kg		<0.045	mg/kg	<0.0000045 %		<lod< td=""></lod<>
23	0	acenaphthylene		1		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	$\vdash$								
24	0	•	201-469-6	83-32-9	1	0.222	mg/kg		0.222	mg/kg	0.0000222 %		
25	0	fluorene	DO4 COE E	00.70.7		0.186	mg/kg		0.186	mg/kg	0.0000186 %		
26	0	phenanthrene	201-695-5	86-73-7		2.09	mg/kg		2.09	mg/kg	0.000209 %		
27	9	anthracene	201-581-5	85-01-8		0.717	mg/kg		0.717	mg/kg	0.0000717 %		
28	0	fluoranthene	204-371-1	120-12-7		5.28	mg/kg		5.28	mg/kg	0.000528 %		
			205-912-4	206-44-0	1	0.20			0.20		0.000020 /0		
29	0	pyrene	204-927-3	129-00-0		5.37	mg/kg		5.37	mg/kg	0.000537 %		
30		benzo[a]anthracend	e 200-280-6	56-55-3	-	2.58	mg/kg		2.58	mg/kg	0.000258 %		
31		chrysene	205-923-4	218-01-9		3.52	mg/kg		3.52	mg/kg	0.000352 %		
32		benzo[b]fluoranthe	1	<u> </u>		2.33	mg/kg		2.33	mg/kg	0.000233 %		
			205-911-9	205-99-2		2.55			2.33		0.000233 /6		
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		3.02	mg/kg		3.02	mg/kg	0.000302 %		
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		3.2	mg/kg		3.2	mg/kg	0.00032 %		
35	0	indeno[123-cd]pyre		193-39-5		2.09	mg/kg		2.09	mg/kg	0.000209 %		
36		dibenz[a,h]anthrace	ene			0.316	mg/kg		0.316	mg/kg	0.0000316 %		
			200-181-8	53-70-3	+								
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	3.03	mg/kg		3.03	mg/kg	0.000303 %		
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	1	1	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5 e			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			209-832-0	594-20-7			5 0						



Report created by	
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#			Determinand		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
41	0	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
42		chloroform; trichlor			T	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< th=""></lod<>
72			200-663-8	67-66-3	1	<b>Q0.10</b>			<b>40.10</b>		<0.000010 78		\LOD
43		1,1,1-trichloroethar 602-013-00-2	ne; methyl chlorofo 200-756-3	rm 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
44		1,1-dichloropropen 602-031-00-0	e 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
46		1,2-dichloroethane	ļ			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr		107 00 2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
-			201-167-4	79-01-6	1	<b>40.10</b>			<b>40.10</b>		<0.000010 70	H	LOD
48			e; propylene dichlo 201-152-2	78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichlorometh	ane 200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51			e; [1] (Z)-1,3-dichlo 208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
52	0	trans-1,3-dichlorop		10061 00 6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
53		1,1,2-trichloroethar	431-460-4 ne 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
54	0	1,3-dichloropropan		142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
55	0	dibromochlorometh		124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
56		1,2-dibromoethane		106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
59		styrene	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
60		bromoform; tribrom		75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
61		bromobenzene	203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
62		1,2,3-trichloropropa		96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< th=""></lod<>
		2-chlorotoluene; [1] 4-chlorotoluene; [3]	] 3-chlorotoluene; [										
63			202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-tr	rimethylbenzene 203-604-4	108-67-8		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< th=""></lod<>
65	0	tert-butylbenzene	<u> 200-004-4</u>	100-07-0	+	~0.20	ma/ka		-0.20	malka	<0.000028 e/		<lod< th=""></lod<>
05			202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg 	<0.000028 %		<lud< th=""></lud<>
66		1,2,4-trimethylbenz 601-043-00-3	ene 202-436-9	95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
67	0	sec-butylbenzene	205-227-0	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>

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#		Determinand  EU CLP index		CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value		Conc. Not Used	
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
				,					Total:	3.243 %			

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

<u>HP 3(i): Flammable</u> "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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0676%)



### Classification of sample: BH05[2]

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

#### Sample details

Sample name: LoW Code:

BH05[2] Chapter:
Sample Depth:

3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)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  EU CLP index		CLP Note	User entered data F		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		11.4	mg/kg	1.32	15.052	mg/kg	0.00151 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
4	4	chromium in chrom chromium(III) oxide		ls { • 1308-38-9		14.2	mg/kg	1.462	20.754	mg/kg	0.00208 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		16.2	mg/kg	1.126	18.239	mg/kg	0.00182 %		
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		31900	mg/kg	1.43	45608.86	mg/kg	4.561 %		
8	æ	lead { lead compospecified elsewher			1	56.8	mg/kg		56.8	mg/kg	0.00568 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.116	mg/kg	1.353	0.157	mg/kg	0.0000157 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		31.5	mg/kg	2.637	83.056	mg/kg	0.00831 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				36.9	mg/kg	1.785	65.873	mg/kg	0.00659 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		195	mg/kg	2.469	481.513	mg/kg	0.0482 %		
14	0	pH		PH		7.26	рН		7.26	рН	7.26 pH		

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#		511 01 D 1	Determinand		CLP Note	User entered data		Conv. Factor			Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15		cyanides { salts exception of completerricyanides and magnetified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	-	TPH (C6 to C40) pe	etroleum aroup									Н	
16		(66.16.6.16) p	group	TPH	1	<35	mg/kg 		<35 	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	-	ethylbenzene		100 00 0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	Г	<lod< td=""></lod<>
	$\rightarrow$		202-849-4	100-41-4	1	<b>VO.00</b>					<0.000000 70	L	
20	L		202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	-	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		0.0114	mg/kg		0.0114	mg/kg	0.00000114 %		
25	0	fluorene	201 100 0	00 02 0	T	0.04			0.04		0.000004.0/	П	1.00
25		phenanthrene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	Θ	<u> </u>	201-581-5	85-01-8		0.0487	mg/kg		0.0487	mg/kg	0.00000487 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	_	0.0898	mg/kg		0.0898	mg/kg	0.00000898 %		
29	0	pyrene	204-927-3	129-00-0		0.0813	mg/kg		0.0813	mg/kg	0.00000813 %		
30	L	benzo[a]anthracen				0.0383	mg/kg		0.0383	mg/kg	0.00000383 %		
31		chrysene	200-280-6	56-55-3		0.0409	mg/kg		0.0409	mg/kg	0.00000409 %		
00	-	601-048-00-0 benzo[b]fluoranther	205-923-4 ne	218-01-9	+	0.0000			0.0000		0.0000000000	$\vdash$	
32	į	601-034-00-4	205-911-9	205-99-2		0.0263	mg/kg		0.0263	mg/kg	0.00000263 %		
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	enzo[def]chrysene 200-028-5	50-32-8		0.0325	mg/kg		0.0325	mg/kg	0.00000325 %		
35	_	indeno[123-cd]pyre	1	193-39-5		0.0266	mg/kg		0.0266	mg/kg	0.00000266 %		
36	L	dibenz[a,h]anthrace	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	_	601-041-00-2   200-181-8   53-70-3   benzo[ghi]perylene		-	<0.024	mg/kg		<0.024	mg/kg	<0.000024 %	Н	<lod< td=""></lod<>	
31			205-883-8	191-24-2	1	VU.UZ4	g/kg		VU.UZ4	mg/kg	30.0000024 /0	H	\LUD
38	L	phenol 604-001-00-2	203-632-7	108-95-2	1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	Θ		203-458-1,	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5 e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>



Re	port	created	by
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#			eterminand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLF							MC	
41	Θ	bromochloromethane	-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlorome				<0.16	ma/ka		<0.16	ma/ka	<0.000016 %	П	<lod< th=""></lod<>
42		602-006-00-4 200-	-663-8	67-66-3		<0.16	mg/kg		<0.10	mg/kg	<0.000016 %	Ш	<lod< th=""></lod<>
43		1,1,1-trichloroethane; n				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
		602-013-00-2 200- 1,1-dichloropropene	-756-3	71-55-6								Н	
44			-253-3	563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride; te	etrachlorometha	ine		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
ļ.,				56-23-5		10.2	9/9			9/9	10.00002 /0	Ш	
46		1,2-dichloroethane; eth 602-012-00-7 203-	•	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		trichloroethylene; trichlo		107-00-2								Н	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; pr	ropylene dichlo	ride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-152-2	78-87-5								Н	
49		dibromomethane 602-003-00-8 200-	-824-2	74-95-3	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	0	bromodichloromethane		14-90-0		0.44			0.44	//	0.000044.0/	Н	1.00
50		200-	-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1				-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
31				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
52	0	trans-1,3-dichloroprope				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
52		431-460-4 10061-02-6				<b>VO.2</b>	ilig/kg		<b>~0.2</b>	ilig/kg	<0.00002 /6	Ц	LOD
53		1,1,2-trichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	0	602-014-00-8 201-166-9 79-00-5 1,3-dichloropropane										Н	
54	9		-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane	)			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-704-0	124-48-1								Н	
56		1,2-dibromoethane 602-010-00-6 203-	-444-5	106-93-4	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
5,		602-033-00-1 203-	-628-5	108-90-7		ζ0.1			<b>VO.1</b>	ilig/kg	<0.00001 78	Ш	LOD
58	•	1,1,1,2-tetrachloroethau 211-		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
				100-42-5		-						Н	
60		bromoform; tribromome		75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene	22.0			-O 2	ma/ka		<0.2	ma/ka	<0.00002 %	П	<lod< td=""></lod<>
01		602-060-00-9 203-	-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ш	<lod< td=""></lod<>
62		1,2,3-trichloropropane	400.4	00.40.4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202- 2-chlorotoluene; [1] 3-c		96-18-4 21								Н	
		4-chlorotoluene; [3] chlorotoluene		-,									
63		203- 203-	-580-5 [2] -397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-trime				<0.16	mg/kg		<0.16	ma/ka	<0.000016 %	П	<lod< td=""></lod<>
L 04			-604-4	108-67-8		<b>CU.10</b>	mg/kg		<b>CU. 10</b>	mg/kg	0.000010 76	Ц	\LUD
65	0	tert-butylbenzene	622.4	00.06.6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenzene		98-06-6								Н	
66				95-63-6	$\  \cdot \ $	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		205	-227-0	135-98-8			J9			J5			



#		EU CLP index	number		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene 203-209-7   104-51-8				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7   202-425-9   95-50-1				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadiene   201-765-5   87-68-3				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	4.0.0 triable and a manage				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
			1	-1						Total:	4.64 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code:

BH06 Chapter:
Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number				User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	,	ioxide }	1327-53-3		2.08	mg/kg	1.32	2.746	mg/kg	0.000275 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.312	mg/kg	1.142	0.356	mg/kg	0.0000356 %		
4	₫.	chromium in chrom		ls { •		2.6	mg/kg	1.462	3.8	mg/kg	0.00038 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		4.81	mg/kg	1.126	5.416	mg/kg	0.000542 %	Ī	
7	4	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		3460	mg/kg	1.43	4946.917	mg/kg	0.495 %		
8	4		ead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }				mg/kg		4.33	mg/kg	0.000433 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		2.06	mg/kg	2.637	5.432	mg/kg	0.000543 %		
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				4.48	mg/kg	1.785	7.998	mg/kg	0.0008 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		29.9	mg/kg	2.469	73.832	mg/kg	0.00738 %		
14	0	pH		PH		8.91	рН		8.91	рН	8.91 pH		

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#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJZ-U	PJ4-2U-1									



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#			eterminand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLF							MC	
41	Θ	bromochloromethane	-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlorome				<0.16	ma/ka		<0.16	ma/ka	<0.000016 %	П	<lod< th=""></lod<>
42		602-006-00-4 200-	-663-8	67-66-3		<0.16	mg/kg		<0.10	mg/kg	<0.000016 %	Ш	<lod< th=""></lod<>
43		1,1,1-trichloroethane; m				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
		602-013-00-2 200- 1,1-dichloropropene	-756-3	71-55-6								Н	
44			-253-3	563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride; te	trachlorometha	ine		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
ļ.,				56-23-5		10.2	9/9			9/9	10.00002 /0	Ш	
46		1,2-dichloroethane; eth	•	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		trichloroethylene; trichlo		107-00-2								Н	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; pr	ropylene dichlo	ride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-152-2	78-87-5								Н	
49		dibromomethane 602-003-00-8 200-	-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	0	bromodichloromethane		1 4 30 0		0.44	,,		0.44	//	0.000044.0/	Н	1.00
50		200-	-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1				-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
31				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
52	0	trans-1,3-dichloroprope				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
52		431-460-4 10061-02-6				<b>VO.2</b>	ilig/kg		<b>~0.2</b>	ilig/kg	<0.00002 /6	Ш	LOD
53		1,1,2-trichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	0	602-014-00-8 201-166-9 79-00-5 1,3-dichloropropane										Н	
54	9		-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane	)			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-704-0	124-48-1								Н	
56		1,2-dibromoethane 602-010-00-6 203-	-444-5	106-93-4	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
5,		602-033-00-1 203-	-628-5	108-90-7		ζ0.1			<b>VO.1</b>	ilig/kg	<0.00001 78	Ш	LOD
58	0	1,1,1,2-tetrachloroethar		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
				100-42-5								Н	
60		bromoform; tribromome 602-007-00-X 200-		75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene				-O 2	ma/ka		-0.2	ma/ka	<0.00002.9/	П	<lod< td=""></lod<>
01		602-060-00-9 203-	-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ц	<lud< td=""></lud<>
62		1,2,3-trichloropropane	400.4	00.40.4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202- 2-chlorotoluene; [1] 3-c		96-18-4 21								Н	
		4-chlorotoluene; [3] chlorotoluene		-,									
63		203- 203-	-580-5 [2] -397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-trimet				<0.16	mg/kg		<0.16	ma/ka	<0.000016 %	П	<lod< td=""></lod<>
L 04			-604-4	108-67-8		<b>CU.10</b>	mg/kg		<b>CU. 10</b>	mg/kg	0.000010 76	Ц	\LUD
65	0	tert-butylbenzene	622.4	00.06.6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenzene		98-06-6								Н	
66				95-63-6	$\  \cdot \ $	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		205-	-227-0	135-98-8			J9			J5			



#		EU CLP index number	number		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene 203-209-7   104-51-8				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7   202-425-9   95-50-1				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadiene   201-765-5   87-68-3				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	0.51 %		

K	ev

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code: BH06[2] Sample Depth: Chapter:

1.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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	Note	User entered data	Conv.	Compound conc.	Classification value	MC Applied	Conc. Not
		EU CLP index	CLP		i doloi		Value	MC	
1	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		8.52 mg/kg	1.32	11.249 mg/kg	0.00112 %		
	<u> </u>	033-003-00-0 215-481-4 1327-53-3 boron { diboron trioxide; boric oxide }	$\vdash$					H	
2	•	005-008-00-8 215-125-8 1303-86-2		<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmium oxide }		0.791 mg/kg	1.142	0.904 mg/kg	0.0000904 %		
		048-002-00-0 215-146-2 1306-19-0				3 3		-	
4	4	<pre>chromium in chromium(III) compounds {     chromium(III) oxide (worst case) }</pre>		13.1 mg/kg	1.462	19.146 mg/kg	0.00191 %		
		215-160-9 1308-38-9	1						
5	æ <u>&amp;</u>	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< th=""></lod<>
	_	024-001-00-0 215-607-8 1333-82-0						-	
6	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		13.1 mg/kg	1.126	14.749 mg/kg	0.00147 %		
7	æ.	iron { <sup>®</sup> iron (III) oxide }		21400 mg/kg	1.43	30596.539 mg/kg	3.06 %		
		215-168-2   1309-37-1						-	
8	4	lead {	1	40.6 mg/kg		40.6 mg/kg	0.00406 %		
		082-001-00-6	_					┡	
9	4	mercury { mercury dichloride }           080-010-00-X         231-299-8         7487-94-7		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfate }		16.9 mg/kg	2.637	44.56 mg/kg	0.00446 %		
		028-009-00-5 232-104-9 7786-81-4		. o.cg,r.g	2.00.	eegrig	0.001.070		
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8							
12	<b>4</b>	anadium {		29.1 mg/kg	1.785	51.949 mg/kg	0.00519 %		
		023-001-00-8 215-239-8 1314-62-1							
		zinc { zinc sulphate }		_					
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		123 mg/kg	2.469	303.723 mg/kg	0.0304 %		
14	0	pH		8.2 pH		8.2 pH	8.2 pH		
Ĺ	L	PH		1			<u> </u>		

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_					_			1					
#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJZ-U	PJ4-2U-1									



#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Useu
41	Θ	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro	omethane 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar 602-013-00-2	ne; methyl chlorofo 200-756-3	rm 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		<b>1,1-dichloropropen</b> 602-031-00-0	e 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha 200-262-8	ane 56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; 602-012-00-7	; ethylene dichlorid 203-458-1	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr 602-027-00-9	ichloroethene 201-167-4	79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48			e; propylene dichlo 201-152-2	ride 78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49			200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	Θ		200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51			e; [1] (Z)-1,3-dichlo 208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichlorop	ropene 431-460-4	10061-02-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56	į	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59			202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60			omethane 200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa 602-062-00-X	ane 202-486-1	96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X		2] 95-49-8 [1]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
03			203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<b>\0.2</b>	mg/kg		<b>\U.</b> Z	mg/kg	V3.00002 /0		\LUD
64		mesitylene; 1,3,5-tr		108-67-8		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz		95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	205-227-0	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>

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#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
					•					Total:	3.113 %		

ίеу		

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code: BH08 Chapter: Sample Depth:

0.6 m Entry:

Entry:

from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

# **Hazard properties**

None identified

#### **Determinands**

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

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		16.2	mg/kg	1.32	21.389	mg/kg	0.00214 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.28	mg/kg	1.142	0.32	mg/kg	0.000032 %		
4	<b>₫</b>	chromium in chrom		ls { • 1308-38-9		<0.9	mg/kg	1.462	<1.315	mg/kg	<0.000132 %		<lod< td=""></lod<>
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		9.06	mg/kg	1.126	10.201	mg/kg	0.00102 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		50800	mg/kg	1.43	72631.037	mg/kg	7.263 %		
8	4	lead { lead compospecified elsewher	pounds with the ex	ception of those	1	22.6	mg/kg		22.6	mg/kg	0.00226 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.154	mg/kg	1.353	0.208	mg/kg	0.0000208 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		19.4	mg/kg	2.637	51.152	mg/kg	0.00512 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				42.8	mg/kg	1.785	76.406	mg/kg	0.00764 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		61.6	mg/kg	2.469	152.109	mg/kg	0.0152 %		
14	0	pH		PH		9.09	рН		9.09	рН	9.09 pH		

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#		511010	Determinand		CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	4	cyanides { salts exception of compl ferricyanides and n specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
-	0	TPH (C6 to C40) p	etroleum aroup									Н	
16		(ee te e 10) p	g.oup	TPH		<35	mg/kg		<35	mg/kg 	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	1		203-625-9	108-88-3	+							Н	
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene		11.00								П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		acenaphthylene	202-049-5	91-20-3	$\vdash$							Н	
23	0		205-917-1	208-96-8		0.0166	mg/kg		0.0166	mg/kg	0.00000166 %		
24	0	acenaphthene				0.0167	mg/kg		0.0167	mg/kg	0.00000167 %		
			201-469-6	83-32-9	-							$\vdash$	
25	0	fluorene	201-695-5	86-73-7	$\frac{1}{2}$	0.0258	mg/kg		0.0258	mg/kg	0.00000258 %		
26	0	phenanthrene	201-581-5	85-01-8		0.288	mg/kg		0.288	mg/kg	0.0000288 %		
27	0	anthracene	204-371-1	120-12-7		0.0566	mg/kg		0.0566	mg/kg	0.00000566 %		
28	0	fluoranthene	205-912-4	206-44-0		0.448	mg/kg		0.448	mg/kg	0.0000448 %		
	0	pyrene				0.000			0.000		0.000000000	Н	
29			204-927-3	129-00-0		0.368	mg/kg		0.368	mg/kg	0.0000368 %		
30		benzo[a]anthracen				0.193	mg/kg		0.193	mg/kg	0.0000193 %		
		601-033-00-9 chrysene	200-280-6	56-55-3	+							$\vdash$	
31		-	205-923-4	218-01-9		0.184	mg/kg		0.184	mg/kg	0.0000184 %		
32		benzo[b]fluoranthe 601-034-00-4	ne 205-911-9	205-99-2	-	0.235	mg/kg		0.235	mg/kg	0.0000235 %		
-		benzo[k]fluoranthe			t	2 / -			=	P	0.000011=-:	Н	
33		601-036-00-5	205-916-6	207-08-9		0.117	mg/kg		0.117	mg/kg	0.0000117 %		
34		benzo[a]pyrene; be	enzo[def]chrysene 200-028-5	50-32-8		0.196	mg/kg		0.196	mg/kg	0.0000196 %		
35	_	indeno[123-cd]pyre	ene			0.142	mg/kg		0.142	mg/kg	0.0000142 %		
36		dibenz[a,h]anthrac	205-893-2 ene	193-39-5		-0.000	malle		-0.000	malle	<0.0000022.0/	Н	<lod< td=""></lod<>
30		601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		\LUD
37	Θ	benzo[ghi]perylene				0.122	mg/kg		0.122	mg/kg	0.0000122 %		
		phenol	205-883-8	191-24-2	+							Н	
38		•	203-632-7	108-95-2	1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1,	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5 e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			KU3-002-U	034-20-1									



Report created by
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#		Determinand	Note	User enter	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index	S Number			Factor			value	MC A	Used
41	0	bromochloromethane 200-826-3 74-97-	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
<b>.</b>		chloroform; trichloromethane									
42		602-006-00-4 200-663-8 67-66-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
<b>.</b>		1,1,1-trichloroethane; methyl chloroform									
43		602-013-00-2 200-756-3 71-55-6	6	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58	3-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
.0		602-012-00-7 203-458-1 107-06	5-2	30.1	9/119				10.00001 70		
47		trichloroethylene; trichloroethene		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride	6								
48		602-020-00-0 201-152-2 78-87-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-003-00-8 200-824-2 74-95-3	3								
50	0	bromodichloromethane	4	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7 75-27-4 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene									
51		602-030-00-5 208-826-5 [1] 542-75		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
-		431-460-4   10061-   1,1,2-trichloroethane	02-6								
53		602-014-00-8   201-166-9   79-00-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		205-531-3   142-28	3-9								
55	0	dibromochloromethane 204-704-0 124-48	3-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1,2-dibromoethane									
56		602-010-00-6 203-444-5 106-93	3-4	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1 203-628-5 108-90	)-7								
58	0	1,1,1,2-tetrachloroethane 211-135-1 630-20	)-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0 202-851-5 100-42	2-5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-007-00-X 200-854-6 75-25-2	2	10.2	9/119				3,00032 70		
61		bromobenzene 602-060-00-9 203-623-8 108-86	i-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
00		1,2,3-trichloropropane		0.00	m 1		0.00	m = //	-0.000000.00		.1.05
62		602-062-00-X 202-486-1 96-18-4	4	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]									
63		602-040-00-X 202-424-3 [1] 95-49-8	8 [1]	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-580-5 [2] 108-41		10.2	mg/kg		10.2	mg/ng	10.00002 //		1202
		203-397-0 [3] 106-43 246-698-2 [4] 25168-	05-2 [4]								
64		mesitylene; 1,3,5-trimethylbenzene		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
Ľ.		601-025-00-5 203-604-4 108-67	'-8	30.10						Н	
65	0	tert-butylbenzene 202-632-4 98-06-6	6	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
_		202-632-4 98-06-6 1,2,4-trimethylbenzene	U	2 : 5				,,	0.000015.5		
66		601-043-00-3 202-436-9 95-63-6	6	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Ĺ		205-227-0 135-98	3-8		59			Jg			

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#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	tene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
			1							Total:	7.302 %		

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

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

## Sample details

Sample name: LoW Code: BH08[2] Chapter: Sample Depth:

8.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#			Note	User entered data	Conv.	Compound conc.	Classification value	MC Applied	Conc. Not
		EU CLP index	CLP					MC	
1	4	arsenic { arsenic trioxide } 033-003-00-0		11.8 mg/kg	1.32	15.58 mg/kg	0.00156 %		
	<u> </u>	boron { diboron trioxide; boric oxide }						-	
2	~	005-008-00-8 215-125-8 1303-86-2		1.39 mg/kg	3.22	4.476 mg/kg	0.000448 %		
3	4	cadmium { cadmium oxide }	Г	0.26 mg/kg	1.142	0.297 mg/kg	0.0000297 %		
		048-002-00-0 215-146-2 1306-19-0				0 0			
4	æ <u>*</u>	chromium in chromium(III) compounds {		<0.9 mg/kg	1.462	<1.315 mg/kg	<0.000132 %		<lod< th=""></lod<>
		215-160-9 1308-38-9							
5	₫.	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< th=""></lod<>
	_	024-001-00-0 215-607-8 1333-82-0 copper { dicopper oxide; copper (I) oxide }							
6	4	029-002-00-X		6.88 mg/kg	1.126	7.746 mg/kg	0.000775 %		
7	æ.	iron {		26500 mg/kg	1.43	37888.238 mg/kg	3.789 %		
_		215-168-2 1309-37-1						-	
8	≪\$	lead {	1	8.85 mg/kg		8.85 mg/kg	0.000885 %		
		082-001-00-6							
9	4	mercury { mercury dichloride }           080-010-00-X         231-299-8         7487-94-7		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfate }		11.4 mg/kg	2.637	30.058 mg/kg	0.00301 %		
		028-009-00-5 232-104-9 7786-81-4					0.0000. 70	$\perp$	
11	≪\$	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8							
12	4	vanadium { divanadium pentaoxide; vanadium pentoxide }		13 mg/kg	1.785	23.207 mg/kg	0.00232 %		
		023-001-00-8 215-239-8 1314-62-1							
		zinc { zinc sulphate }							
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		44.9 mg/kg	2.469	110.871 mg/kg	0.0111 %		
14	0	pH		7.87 pH		7.87 pH	7.87 pH		
L		PH				<u>'</u>	<u>'</u>		

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#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJZ-U	PJ4-2U-1									



Report created by
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#		Determinand	Note	User enter	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index	S Number			Factor			value	MC A	Used
41	0	bromochloromethane 200-826-3 74-97-	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
<b>.</b>		chloroform; trichloromethane									
42		602-006-00-4 200-663-8 67-66-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
<b>.</b>		1,1,1-trichloroethane; methyl chloroform									
43		602-013-00-2 200-756-3 71-55-6	6	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58	3-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
.0		602-012-00-7 203-458-1 107-06	5-2	30.1	9/119				10.00001 70		
47		trichloroethylene; trichloroethene		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride	6								
48		602-020-00-0 201-152-2 78-87-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-003-00-8 200-824-2 74-95-3	3								
50	0	bromodichloromethane	4	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7 75-27-4 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene									
51		602-030-00-5 208-826-5 [1] 542-75		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
-		431-460-4   10061-   1,1,2-trichloroethane	02-6								
53		602-014-00-8   201-166-9   79-00-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		205-531-3   142-28	3-9								
55	0	dibromochloromethane 204-704-0 124-48	3-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1,2-dibromoethane									
56		602-010-00-6 203-444-5 106-93	3-4	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1 203-628-5 108-90	)-7								
58	0	1,1,1,2-tetrachloroethane 211-135-1 630-20	)-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0 202-851-5 100-42	2-5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-007-00-X 200-854-6 75-25-2	2	10.2	9/119				3,00032 70		
61		bromobenzene 602-060-00-9 203-623-8 108-86	i-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
00		1,2,3-trichloropropane		0.00	m 1		0.00	m = //	-0.000000.00		.1.05
62		602-062-00-X 202-486-1 96-18-4	4	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]									
63		602-040-00-X 202-424-3 [1] 95-49-8	8 [1]	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-580-5 [2] 108-41		10.2	mg/kg		10.2	mg/ng	10.00002 //		1202
		203-397-0 [3] 106-43 246-698-2 [4] 25168-	05-2 [4]								
64		mesitylene; 1,3,5-trimethylbenzene		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
Ľ.		601-025-00-5 203-604-4 108-67	'-8	30.10						Н	
65	0	tert-butylbenzene 202-632-4 98-06-6	6	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
_		202-632-4 98-06-6 1,2,4-trimethylbenzene	U	2 : 5				,,	0.000015.5		
66		601-043-00-3 202-436-9 95-63-6	6	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Ĺ		205-227-0 135-98	3-8		59			Jg			

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#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	l conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7		ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		<u> </u>	1,2-dibromo-3-chloropropane			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		602-021-00-6 202-479-3 96-12-8 1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
			*							Total:	3.814 %		

K	ev

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code: BH08[3] Chapter: Sample Depth:

10.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8   200-753-7   71-43-2 toluene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	othylhanzona				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection

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

## Sample details

Sample name: LoW Code:

BH10 Chapter:
Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide }	1327-53-3		15.7	mg/kg	1.32	20.729	mg/kg	0.00207 %		
2	4	boron { diboron tric 005-008-00-8	oxide; boric oxide }	1303-86-2		1.28	mg/kg	3.22	4.121	mg/kg	0.000412 %		
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.13	mg/kg	1.142	2.433	mg/kg	0.000243 %		
4	4	chromium(III) oxide	nium(III) compound e (worst case) } 215-160-9	ls { •		33	mg/kg	1.462	48.231	mg/kg	0.00482 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$		oxide; copper (I) ox	ide }		79.5	mg/kg	1.126	89.508	mg/kg	0.00895 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		24900	mg/kg	1.43	35600.646	mg/kg	3.56 %		
8	4	lead {  lead compospecified elsewher 082-001-00-6	pounds with the exe e in this Annex (wo	ception of those orst case) }	1	246	mg/kg		246	mg/kg	0.0246 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.584	mg/kg	1.353	0.79	mg/kg	0.000079 %		
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		33.6	mg/kg	2.637	88.593	mg/kg	0.00886 %		
11	<b>4</b>		m compounds with elenide and those s unnex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	vanadium { • diva				34.8	mg/kg	1.785	62.124	mg/kg	0.00621 %		
13	_	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		391	mg/kg	2.469	965.495	mg/kg	0.0965 %		
14	0	pH		PH		8.1	рН		8.1	рН	8.1 pH		



#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 actor			value	MC,	Osea
15	*	cyanides { salts exception of completerricyanides and managements	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
		006-007-00-5											
16	0	TPH (C6 to C40) pe	etroleum group	TPH	-	138	mg/kg		138	mg/kg	0.0138 %		
17		benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
40		601-020-00-8 toluene	200-753-7	71-43-2		0.44			0.44		0.000044.0/		1.00
18		601-021-00-3	203-625-9	108-88-3	1	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	-								
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		0.0586	mg/kg		0.0586	mg/kg	0.00000586 %		
			202-049-3	51-20-3	+								
23	0	acenaphthylene	005 047 4	200 06 0	4	0.17	mg/kg		0.17	mg/kg	0.000017 %		
24	0	acenaphthene	205-917-1	208-96-8		0.0425	mg/kg		0.0425	mg/kg	0.00000425 %		
	0	fluorene	201-469-6	83-32-9	-								
25			201-695-5	86-73-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
26	0	phenanthrene	201-581-5	85-01-8	-	1.28	mg/kg		1.28	mg/kg	0.000128 %		
27	0	anthracene		00 0.0		0.281	mg/kg		0.281	mg/kg	0.0000281 %		
		fluoranthene	204-371-1	120-12-7	-	0.20	99				0.0000201.70		
28	0		205-912-4	206-44-0		2.24	mg/kg		2.24	mg/kg	0.000224 %		
29	0	pyrene	204-927-3	129-00-0		1.83	mg/kg		1.83	mg/kg	0.000183 %		
30		benzo[a]anthracene		120-00-0		1.26	mg/kg		1.26	mg/kg	0.000126 %		
			200-280-6	56-55-3	1		99			<i>قن و</i> 			
31		chrysene 601-048-00-0	205-923-4	218-01-9	-	1.17	mg/kg		1.17	mg/kg	0.000117 %		
32		benzo[b]fluoranther	ne			1.62	mg/kg		1.62	mg/kg	0.000162 %		
		601-034-00-4 benzo[k]fluoranther	205-911-9 ne	205-99-2	+								
33		601-036-00-5	205-916-6	207-08-9		0.541	mg/kg		0.541	mg/kg	0.0000541 %		
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		1.22	mg/kg		1.22	mg/kg	0.000122 %		
35		indeno[123-cd]pyre	ene			0.813	mg/kg		0.813	mg/kg	0.0000813 %		
		dibenz[a,h]anthrace	205-893-2 ene	193-39-5	-								
36			200-181-8	53-70-3		0.163	mg/kg		0.163	mg/kg	0.0000163 %		
37	0	benzo[ghi]perylene	205-883-8	191-24-2		0.706	mg/kg		0.706	mg/kg	0.0000706 %		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		604-001-00-2	203-632-7	108-95-2			Jg						
<u> </u>	_									Total:	3.729 %		

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

# **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0138%)

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

#### Sample details

Sample name: LoW Code:

BH11 Chapter:
Sample Depth:
0.1 m Entry:

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

### **Hazard properties**

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

Force this Hazardous property to hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.176%)

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.: 0.176%)

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.: 0.176%)

#### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	~		ioxide } 215-481-4	1327-53-3		5.95	mg/kg	1.32	7.856	mg/kg	0.000786 %		
2	4	boron { diboron trio				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3			<mark>m oxide</mark> } 215-146-2	1306-19-0		0.61	mg/kg	1.142	0.697	mg/kg	0.0000697 %		
4		chromium in chrom		ds { •		13	mg/kg	1.462	19	mg/kg	0.0019 %		

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_					_								
#		EU CLP index	number   compounds { chromium(VI) compounds { chromium(VI) chromium(VII) chromium(VII) chromium(VII) chromium(VII) chromium(VIII) chromium(VIII) chromium(VIIII) chromium(VIIII) chromium(VIIIII) chromium(VIIIII) chromium(VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	<b>4</b>	chromium in chron	ium(VI) compound	ds { chromium(VI)	CLP Note							2	
5		oxide } 024-001-00-0	215-607-8	1333-82-0		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	kide }		21.4	mg/kg	1.126	24.094	mg/kg	0.00241 %		
7	4	iron { • iron (III) o		1017 00 1		11900	mg/kg	1.43	17013.963	mg/kg	1.701 %		
Ŀ			215-168-2	1309-37-1	-	11000	9/119	1.10		mg/ng	1.701 70		
8	<b>4</b>	lead {			1	43.9	mg/kg		43.9	mg/kg	0.00439 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa	1	1107 017		11	mg/kg	2.637	29.004	mg/kg	0.0029 %		
-	æ	028-009-00-5 selenium { seleniu	232-104-9	7786-81-4	-		9	2.001	20.001		0.0020 %		
11	•••	cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { divapentoxide }	nadium pentaoxide	e; vanadium		16.3	mg/kg	1.785	29.099	mg/kg	0.00291 %		
	4	zinc { zinc sulphate		1011021									
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		141	mg/kg	2.469	348.171	mg/kg	0.0348 %		
14	0	pH		PH		8.61	рН		8.61	рН	8.61 pH		
15	<b>4</b>	cyanides { salts exception of comp ferricyanides and r specified elsewher 006-007-00-5	lex cyanides such a mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	TDU		1760	mg/kg		1760	mg/kg	0.176 %		
17		benzene		TPH	H	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-020-00-8 toluene	200-753-7	71-43-2	$\vdash$				<u> </u>				
18		601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	b02 040 5	04.20.2		0.0797	mg/kg		0.0797	mg/kg	0.00000797 %		
23	0	acenaphthylene	202-049-5	91-20-3 208-96-8		0.177	mg/kg		0.177	mg/kg	0.0000177 %		
24	0	acenaphthene			_	7.71	mg/kg		7.71	mg/kg	0.000771 %		
25	9	fluorene	201-469-6	83-32-9		10.5	mg/kg		10.5	mg/kg	0.00105 %		
	_	phenanthrene	201-695-5	86-73-7	-		g/kg			9,19			
26		•	201-581-5	85-01-8		250	mg/kg		250	mg/kg	0.025 %		
27	0	anthracene	204-371-1	120-12-7		38.3	mg/kg		38.3	mg/kg	0.00383 %		
28	0	fluoranthene	205-912-4	206-44-0		239	mg/kg		239	mg/kg	0.0239 %		



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#		EU CLP index	Determinand  EC Number	CAS Number	P Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	2 Applied	Conc. Not Used
		number	LO Number	OAO Number	CLP							MC	
29	Θ	pyrene	204-927-3	129-00-0		196	mg/kg		196	mg/kg	0.0196 %		
30		benzo[a]anthracen	e 200-280-6	EC EE 2		69.6	mg/kg		69.6	mg/kg	0.00696 %		
31		chrysene	200-200-0	56-55-3	H	59.2	ma/ka		59.2	mg/kg	0.00592 %	Н	
31			205-923-4	218-01-9		39.2	mg/kg		J9.2	ilig/kg	0.00392 /6		
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2		47.1	mg/kg		47.1	mg/kg	0.00471 %		
33		benzo[k]fluoranthe	ne 205-916-6	207-08-9		51.6	mg/kg		51.6	mg/kg	0.00516 %		
34		benzo[a]pyrene; be	ļ.	201-00-9		62.7	ma/ka		62.7	ma/ka	0.00627 %		
34			200-028-5	50-32-8		62.7	mg/kg		02.7	mg/kg	0.00627 %	Ш	
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		40.6	mg/kg		40.6	mg/kg	0.00406 %		
36		dibenz[a,h]anthrac		193-39-3		4.02	ma/ka		4.02	ma/ka	0.000402 %	Н	
30			200-181-8	53-70-3		4.02	mg/kg		4.02	mg/kg	0.000402 /6	Ш	
37	0	benzo[ghi]perylene	205-883-8	191-24-2		30.9	mg/kg		30.9	mg/kg	0.00309 %		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	0	604-001-00-2 1,1-dichloroethane	203-632-7 and 1,2-dichloroet	108-95-2 hane (combined)									
39			203-458-1, 200-863-5	107-06-2, 75-34-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		F04 00 7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
41	0	bromochlorometha	209-832-0 ne	594-20-7		<0.2	ma/ka		<0.2	ma/ka	<0.00002 %	Н	<lod< td=""></lod<>
41			200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ш	<lod< td=""></lod<>
42		chloroform; trichlor		67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
-		602-006-00-4 1,1,1-trichloroethar										Н	
43			200-756-3	71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen 602-031-00-0		563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachlorid				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-008-00-5 1,2-dichloroethane	200-262-8 : ethylene dichlorid	56-23-5	-							Н	
46		l '	203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; to	richloroethene 201-167-4	79-01-6	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropan		1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
<u> </u>			201-152-2	78-87-5	1					88		Н	<b>-</b>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropen										Н	
51		602-030-00-5		542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichlorop	ropene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			431-460-4	10061-02-6	-		J. 3			3 3		Н	-
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan		440.00.0		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	9	dibromochlorometh	205-531-3 nane	142-28-9	$\vdash$	0.0	ma =: //		0.0	na = //	.0.00000.00	Н	.1.05
55			204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ц	<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene	J.		T	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1	203-628-5	108-90-7		(POM-VIII)					www.bazwaete		



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#		FILOID index	Determinand	CAC Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied :	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	딩							MC	
58	0	1,1,1,2-tetrachloro	ethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
50			211-135-1	630-20-6		<b>VO.2</b>	mig/kg		<b>VO.2</b>	mg/kg	<0.00002 /0		LOD
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0	202-851-5	100-42-5		10.2					10.00002 /0		1202
60		bromoform; tribron				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-007-00-X	200-854-6	75-25-2						3 3			
61		bromobenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-060-00-9	203-623-8	108-86-1	_								
62		1,2,3-trichloroprop				<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X	202-486-1	96-18-4	-								
			] 3-chlorotoluene;	[2]									
		4-chlorotoluene; [3 602-040-00-X	202-424-3 [1]	95-49-8 [1]	-								
63		602-040-00-X	203-580-5 [2]	108-41-8 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			203-397-0 [3]	106-43-4 [3]									
			246-698-2 [4]	25168-05-2 [4]									
64		mesitylene; 1,3,5-t			_	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
		601-025-00-5	203-604-4	108-67-8	-								
65	0	tert-butylbenzene	202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylben		90-00-0	-				<u> </u>				
66		601-043-00-3	202-436-9	95-63-6	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
01			205-227-0	135-98-8		<0.2	IIIg/kg		<0.2	ilig/kg	<0.00002 /s		\LOD
68	0	4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			202-796-7	99-87-6	_								
69			ne; p-dichlorobenze			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-035-00-2	203-400-5	106-46-7	_								
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
			203-209-7	104-51-8	_								
71			ne; o-dichlorobenze			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-034-00-7	202-425-9	95-50-1	-								
72		1,2-dibromo-3-chlo		100 100		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
	_	602-021-00-6	202-479-3	96-12-8	-								-
73		1,2,4-trichlorobenz		400.00.4	_	<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	-	602-087-00-6	204-428-0	120-82-1	+								
74	0	hexachlorobutadie		07.60.0	4	<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
		4.0.0 trioble	201-765-5	87-68-3	+								
75	0	1,2,3-trichlorobenz		07.04.0	-	<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	_		201-757-1	87-61-6	+							H	
76	0	polychlorobipheny		4226.26.2	4	<0.72	mg/kg		<0.72	mg/kg	<0.000072 %		<lod< td=""></lod<>
		602-039-00-4	215-648-1	1336-36-3						Total:	2.04 %		
										iolal.	2.07 /0		

Kev

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 <a href="LOD">LOD</a> Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code: BH11[2] Chapter: Sample Depth:

3.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	rioxide } 215-481-4	1327-53-3		3.47	mg/kg	1.32	4.582	mg/kg	0.000458 %		
2	4		oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu		1306-19-0		0.136	mg/kg	1.142	0.155	mg/kg	0.0000155 %		
4	4	chromium in chrom	nium(III) compound			4.34	mg/kg	1.462	6.343	mg/kg	0.000634 %		
5	4	1				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ		oxide; copper (I) ox	kide }		3.57	mg/kg	1.126	4.019	mg/kg	0.000402 %		
7	æ å	iron { <sup>®</sup> iron (III) o	xide }	1309-37-1		5040	mg/kg	1.43	7205.914	mg/kg	0.721 %		
8	4	lead { lead compospecified elsewher			1	11.5	mg/kg		11.5	mg/kg	0.00115 %		
9	4		dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfa	te } 232-104-9	7786-81-4		3.75	mg/kg	2.637	9.888	mg/kg	0.000989 %		
11	4	cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	pentoxide }		,		6.41	mg/kg	1.785	11.443	mg/kg	0.00114 %		
13		zinc { zinc sulphate	215-239-8 231-793-3 [1]	7446-19-7 [1]		20.6	mg/kg	2.469	50.868	mg/kg	0.00509 %		
14	9	рН	231-793-3 [2]	7733-02-0 [2]		8.91	pН		8.91	pН	8.91 pH		

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#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	C							MC	
15	₫,	cyanides { salts exception of completerricyanides and magnetised elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		1.08	mg/kg	1.884	2.035	mg/kg	0.000203 %		
		asbestos			+								
16		650-013-00-6		12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
17	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
		benzene		ILLU	+								
18			200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
19		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			203-625-9	108-88-3	-								
20	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
21			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
22		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
23		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
24	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
25	9	acenaphthene	205-917-1	208-96-8		0.0115	mg/kg		0.0115	mg/kg	0.00000115 %		
_			201-469-6	83-32-9	1								
26	8	fluorene	201-695-5	86-73-7		0.0144	mg/kg		0.0144	mg/kg	0.00000144 %		
27	9	phenanthrene	201-581-5	85-01-8		0.0948	mg/kg		0.0948	mg/kg	0.00000948 %		
28	0	anthracene	204-371-1	120-12-7		0.0246	mg/kg		0.0246	mg/kg	0.00000246 %		
29	0	fluoranthene	205-912-4	206-44-0		0.107	mg/kg		0.107	mg/kg	0.0000107 %		
30	0	pyrene	204-927-3	129-00-0		0.0887	mg/kg		0.0887	mg/kg	0.00000887 %		
31		benzo[a]anthracene		56-55-3	+	0.0453	mg/kg		0.0453	mg/kg	0.00000453 %		
32		chrysene		1	+	0.0385	mg/kg		0.0385	mg/kg	0.00000385 %		
33		601-048-00-0 benzo[b]fluoranther	205-923-4 ne	218-01-9		0.0531	mg/kg		0.0531	mg/kg	0.00000531 %		
		601-034-00-4 benzo[k]fluoranther	205-911-9 ne	205-99-2									
34		601-036-00-5	205-916-6	207-08-9		0.0192	mg/kg		0.0192	mg/kg	0.00000192 %	-	
35		benzo[a]pyrene; be 601-032-00-3	200-028-5	50-32-8	-	0.0364	mg/kg		0.0364	mg/kg	0.00000364 %		
36	0	indeno[123-cd]pyre	1	•		0.0283	mg/kg		0.0283	mg/kg	0.00000283 %		
			205-893-2	193-39-5	1	0.0200			3.3233	שיישייי	7.11000200 70		
37		dibenz[a,h]anthrace	ene  200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
38	0	benzo[ghi]perylene	)	1		0.0252	mg/kg		0.0252	mg/kg	0.00000252 %		
			205-883-8	191-24-2									



#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
39	)	phenol	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<lod< th=""></lod<>
						1	,	Total:	0.736 %		

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

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

## Sample details

Sample name: LoW Code:
BH12 Chapter:
Sample Depth:
0.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	_	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
2	æ	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
_	æ	cadmium { cadmiu	1	1000 00 2	t	0.004							
3	_	048-002-00-0	215-146-2	1306-19-0		0.681	mg/kg	1.142	0.778	mg/kg	0.0000778 %		
4	4	chromium in chrom	e (worst case)			92	mg/kg	1.462	134.463	mg/kg	0.0134 %		
		alesani na ia alesan	215-160-9	1308-38-9	H							H	
5	₫.	chromium in chromoxide }	. , ,			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	$\vdash$							H	
6	≪\$	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	27.2	mg/kg	1.126	30.624	mg/kg	0.00306 %		
7	4	iron ( iron (III) o				19200	mg/kg	1.43	27451.101	mg/kg	2.745 %		
8	<b>4</b>	lead { lead compospecified elsewher			1	64.3	mg/kg		64.3	mg/kg	0.00643 %		
9	_	mercury { mercury	· · · · · · · · · · · · · · · · · · ·			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
		080-010-00-X	231-299-8	7487-94-7	╀							H	
10	-	nickel { <mark>nickel sulfa</mark> 028-009-00-5	232-104-9	7786-81-4	-	18.4	mg/kg	2.637	48.515	mg/kg	0.00485 %		
11	<b>«</b>	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	vanadium { divapentoxide }	nadium pentaoxide	e; vanadium		25.3	mg/kg	1.785	45.165	mg/kg	0.00452 %		
		023-001-00-8	215-239-8	1314-62-1					,				
13		zinc { <mark>zinc sulphate</mark> 030-006-00-9	e }  231-793-3 [1]	7446-19-7 [1]		113	mg/kg	2.469	279.03	mg/kg	0.0279 %		
			231-793-3 [2]	7733-02-0 [2]									
14	0	pH		PH		7.22	рН		7.22	рН	7.22 pH		



#			Determinand		Note	User entered	d data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor	, , ,		value	MC A	Used
15	*	cyanides { salts exception of completerricyanides and magnetised elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) pe	etroleum group			<35	mg/kg		<35	mg/kg	<0.0035 %	П	<lod< td=""></lod<>
10				TPH		200	ilig/kg		<b>433</b>		<0.0033 %	Ш	\LOD
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	J.			<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
19		601-023-00-4	202-849-4	100-41-4		<b>VU.UU</b>	ilig/kg		<b>VU.U0</b>		<0.000008 /8	Ш	LOD
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	/lpropane	100404		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		603-181-00-X naphthalene	216-653-1	1634-04-4								Н	
22		•	202-049-5	91-20-3		0.0129	mg/kg		0.0129	mg/kg	0.00000129 %		
23	0	acenaphthylene	205-917-1	208-96-8		0.0183	mg/kg		0.0183	mg/kg	0.00000183 %		
24	0	acenaphthene	·	,		<0.008	mg/kg		<0.008	mg/kg	<0.000008 %	П	<lod< td=""></lod<>
			201-469-6	83-32-9	-							Н	
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	Ш	<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8	+	0.347	mg/kg		0.347	mg/kg	0.0000347 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
	0	fluoranthene	204-371-1	120-12-7		0.440			0.440				
28			205-912-4	206-44-0		0.448	mg/kg		0.448	mg/kg	0.0000448 %		
29	(3)	pyrene	204-927-3	129-00-0		0.392	mg/kg		0.392	mg/kg	0.0000392 %		
30		benzo[a]anthracen		.20 00 0		0.259	ma/ka		0.259	ma/ka	0.0000358.9/		
30		601-033-00-9	200-280-6	56-55-3		0.258	mg/kg		0.258	mg/kg	0.0000258 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9	-	0.235	mg/kg		0.235	mg/kg	0.0000235 %		
32		benzo[b]fluoranther	ne 205-911-9	205-99-2		0.0949	mg/kg		0.0949	mg/kg	0.00000949 %		
33		benzo[k]fluoranther		200-99-2		0.146	mg/kg		0.146	mg/kg	0.0000146 %	$\Box$	
			205-916-6	207-08-9		0.140	mg/kg		0.140	my/kg	0.0000140 /0		
34		benzo[a]pyrene; be		F0 00 0		0.123	mg/kg		0.123	mg/kg	0.0000123 %		
		601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35	(1)		205-893-2	193-39-5		0.0494	mg/kg		0.0494	mg/kg	0.00000494 %		
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		00-10-0		0.052	ma/ka		0.052	ma/ka	0.0000052 %	Н	
5			205-883-8	191-24-2	1	0.002	mg/kg		0.002	mg/kg	0.0000032 76	Ш	
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	0	1,1-dichloroethane			+							H	
39	_		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		1		-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
+0			209-832-0	594-20-7	1	<0.2	mg/kg		<b>CU.Z</b>	mg/kg	C0.00002 76		\LUD

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_	_								
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
41	0	number bromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	2	<lod< td=""></lod<>
Ľ		200-826-3 74-97-5		10.29/1.9		101 <u>2</u> g/ng	10.00002 //		
42		chloroform; trichloromethane		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
		602-006-00-4 200-663-8 67-66-3							
43		1,1,1-trichloroethane; methyl chloroform       602-013-00-2     200-756-3     71-55-6	1	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride 602-012-00-7   203-458-1   107-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5	$\dagger$	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8   200-824-2   74-95-3	+	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane   200-856-7   75-27-4	$\perp$	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5   208-826-5 [1]   542-75-6 [1]   233-195-8 [2]   10061-01-5 [2]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		602-010-00-6 203-444-5 106-93-4 chlorobenzene		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	602-033-00-1 203-628-5   108-90-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		211-135-1 630-20-6 styrene	-	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0 202-851-5 100-42-5 bromoform; tribromomethane							
60		602-007-00-X 200-854-6 75-25-2 bromobenzene	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		602-060-00-9 203-623-8 108-86-1	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	1	<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<u> </u>	-	246-698-2 [4] 25168-05-2 [4]	+						
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5   203-604-4   108-67-8	_	<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
$\vdash$	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	+						
65		202-632-4 98-06-6	$\dashv$	<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene 601-043-00-3	1	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene   205-227-0   135-98-8	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		K00-221-0 130-90-0							



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	Θ	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	T	<lod< th=""></lod<>
		602-035-00-2	203-400-5	106-46-7		40.1			νο. τ		40.00001 70		1202
70	0	n-butylbenzene	203-209-7 104-51-8			<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
	-		2-dichlorobenzene; o-dichlorobenzene									Н	
71		,2-dichlorobenzene; o-dichlorobenzene 02-034-00-7		+	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>	
70		1,2-dibromo-3-chlo				0.00	,,		0.00	,,	0.000000.00		
72		602-021-00-6	202-479-3	96-12-8	1	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz	ene	·		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
13		602-087-00-6	204-428-0	120-82-1	1	<b>V</b> 0.1	mg/kg		ζ0.1	ilig/kg	20.00001 /6		\LOD
74	0	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
			201-765-5	87-68-3		<b>VO.1</b>	mg/kg		<b>VO. 1</b>	mg/kg	Q0.00001 70		LOD
75	0	1,2,3-trichlorobenze	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
L		201-757-1 87-61-6				13.1	9/119		10.1		10.0000170		
76	0	1 1				<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< th=""></lod<>
L	602-039-00-4 215-648-1 1336-36-3				15.000	9/119		10.000	9/119	10.0000000 /0			
L										Total:	2.812 %		

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

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

## Sample details

Sample name: LoW Code:

BH13 Chapter:
Sample Depth:

1.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		111	mg/kg	1.32	146.556	mg/kg	0.0147 %		
2	4		1	1303-86-2		18.3	mg/kg	3.22	58.924	mg/kg	0.00589 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.412	mg/kg	1.142	0.471	mg/kg	0.0000471 %		
4	æ	chromium in chrom	nium(III) compound e (worst case) 215-160-9	s { • • • • • • • • • • • • • • • • • •		42.8	mg/kg	1.462	62.555	mg/kg	0.00626 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				80.7	mg/kg	1.126	90.859	mg/kg	0.00909 %		
7	4	iron { • iron (III) o		1309-37-1		25400	mg/kg	1.43	36315.519	mg/kg	3.632 %		
8	æ\$	lead { • lead compapecified elsewher	pounds with the exc	ception of those	1	43.9	mg/kg		43.9	mg/kg	0.00439 %		
9	4	mercury { mercury	dichloride }	7487-94-7		0.184	mg/kg	1.353	0.249	mg/kg	0.0000249 %		
10	4	nickel { nickel sulfa	te } 232-104-9	7786-81-4		51.3	mg/kg	2.637	135.262	mg/kg	0.0135 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.55	mg/kg	1.405	2.178	mg/kg	0.000218 %		
12	4	vanadium { • divapentoxide }				113	mg/kg	1.785	201.726	mg/kg	0.0202 %		
13	æ	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		61.8	mg/kg	2.469	152.603	mg/kg	0.0153 %		
14	9	рН		PH		10.8	рН		10.8	рН	10.8 pH		



Report	created	by
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#			Determinand		Note	User entered	d data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	*	cyanides { salts exception of complete ferricyanides and in specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	9	ethylbenzene	203-625-9	108-88-3		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	П	<lod< td=""></lod<>
-		601-023-00-4	202-849-4	100-41-4	-							Н	
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		0.0138	mg/kg		0.0138	mg/kg	0.00000138 %		
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %	П	<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	П	<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen		56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %	П	<lod< td=""></lod<>
31		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe		205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe		207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac	Į.	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %	П	<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane			3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5	2. 20 2, 70 07 0		-0.2			<0.2		<0.00002 %		<lod< td=""></lod<>
40			209-832-0	594-20-7	1	<0.2	mg/kg		<0.2	mg/kg	C0.00002 %		\LUD

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#			Determinand		Note	User entere	ed data	Conv.	Compound	conc	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
41	⊜	bromochloromethar		74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro		67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethan	e; methyl chlorofo	rm		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene	Э	71-55-6		<0.2	mg/kg		<0.2	mg/kg	<0.0002 %		<lod< td=""></lod<>
45		602-031-00-0 carbon tetrachloride		563-58-6 ane		<0.2			<0.2		<0.00002 %		<lod< td=""></lod<>
		602-008-00-5 1,2-dichloroethane;		56-23-5 e			mg/kg			mg/kg			
46		602-012-00-7	203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tri 602-027-00-9		79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane 602-020-00-0		78-87-5	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichlorometh	ane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropene	e; [1] (Z)-1,3-dichlo	75-27-4 propropene [2]	H								
51			208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropr	opene 431-460-4	10061-02-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethan	e 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane	Э			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	205-531-3 ane	142-28-9		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
_		1,2-dibromoethane	204-704-0	124-48-1					<u> </u>				
56		,	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0			630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom	omethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene	200-854-6	75-25-2	$\vdash$	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa	203-623-8 ine	108-86-1	$\vdash$	<0.32			<0.32		<0.000032 %		<lod< td=""></lod<>
02		602-062-00-X 2-chlorotoluene; [1]		96-18-4 21		VU.32	mg/kg		<0.3Z	mg/kg	C0.000032 %		LOD
63		4-chlorotoluene; [3]	chlorotoluene [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tri	imethylbenzene			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	203-604-4	108-67-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenze	202-632-4 ene	98-06-6									
66		601-043-00-3	202-436-9	95-63-6		<0.18	mg/kg ———		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	205-227-0	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	Θ	4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
			202-796-7	99-87-6									
69		1,4-dichlorobenzen	ne; p-dichlorobenzo	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		602-035-00-2	203-400-5	106-46-7		30.1	mg/ng		30.1	mg/ng	40.00001 70		\
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
			203-209-7	104-51-8									
71		1,2-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		602-034-00-7	202-425-9	95-50-1									
72		1,2-dibromo-3-chlo	• •			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
/3		602-087-00-6	204-428-0	120-82-1		<b>40.1</b>	mg/kg		<b>40.1</b>	mg/kg	<0.00001 78		\LOD
74	0	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
			201-765-5	87-68-3									
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
			201-757-1	87-61-6									
76	0	polychlorobiphenyl	s; PCB			<0.036	mg/kg		<0.036	mg/kg	<0.000036 %		<lod< th=""></lod<>
		602-039-00-4 215-648-1 1336-36-3				10.000			30.000		10.0000000 /0		100
										Total:	3.726 %		

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

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

## Sample details

Sample name: LoW Code:

BH13[2] Chapter:

Sample Depth:

14.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e <b>c</b>	arsenic { arsenic tr	ioxide }	1327-53-3		5.58	mg/kg	1.32	7.367	mg/kg	0.000737 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.304	mg/kg	1.142	0.347	mg/kg	0.0000347 %		
4	4	chromium in chrom		ls { • 1308-38-9		3.29	mg/kg	1.462	4.809	mg/kg	0.000481 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		4.04	mg/kg	1.126	4.549	mg/kg	0.000455 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		12000	mg/kg	1.43	17156.938	mg/kg	1.716 %		
8	4	lead {  lead compospecified elsewher			1	6.4	mg/kg		6.4	mg/kg	0.00064 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4		7.68	mg/kg	2.637	20.25	mg/kg	0.00202 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		9.78	mg/kg	1.785	17.459	mg/kg	0.00175 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		28.3	mg/kg	2.469	69.881	mg/kg	0.00699 %		
14	0	рН		РН		8.53	рН		8.53	рН	8.53 pH		



Re	port	creat	ted	by
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#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
"		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	4	cyanides { salts exception of compl ferricyanides and n specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< th=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %	П	<lod< td=""></lod<>
19	0	ethylbenzene	203-625-9	108-88-3		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	П	<lod< td=""></lod<>
		601-023-00-4 xylene	202-849-4	100-41-4	+							Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	/lpropane	4004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		603-181-00-X naphthalene 601-052-00-2	216-653-1	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	0	acenaphthene	203-917-1	200-90-8	+	0.000			0.000		0.000000000	Н	
24		·	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg 	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	9	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe 601-034-00-4	ne 205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
35	(3)	indeno[123-cd]pyre	ene 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroet 203-458-1,		3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5 e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\Box$			ZU3-03Z-U	034-20-7	$\perp$								

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_	_		_						
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
41	0	number bromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	2	<lod< td=""></lod<>
		200-826-3 74-97-5	4						
42		chloroform; trichloromethane		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
		602-006-00-4 200-663-8 67-66-3	+					Н	
43		1,1,1-trichloroethane; methyl chloroform       602-013-00-2     200-756-3     71-55-6		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		<b>1,2-dichloroethane</b> ; ethylene dichloride 602-012-00-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8 200-824-2 74-95-3	+	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	-	bromodichloromethane 200-856-7 75-27-4	$\perp$	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane	$\perp$	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		602-010-00-6 203-444-5 106-93-4 chlorobenzene		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	1	602-033-00-1 203-628-5   108-90-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59	-	211-135-1   630-20-6   styrene		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0 202-851-5   100-42-5   bromoform; tribromomethane							
60		602-007-00-X 200-854-6 75-25-2 bromobenzene	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		602-060-00-9 203-623-8 108-86-1	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane         602-062-00-X       202-486-1       96-18-4		<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-397-0 [3]   106-43-4 [3]   246-698-2 [4]   25168-05-2 [4]	-					L	
64		mesitylene;         1,3,5-trimethylbenzene           601-025-00-5         203-604-4         108-67-8		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene 202-632-4 98-06-6	_	<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene 601-043-00-3		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67		sec-butylbenzene   205-227-0   135-98-8	1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<u> </u>	_	K00-221-0  130-90-0							



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
$\vdash$		1,4-dichlorobenzer			+							Н	
69		_ ′	203-400-5	106-46-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene		, , , , , ,	+	0.00			0.00		0.000000.00		
70			203-209-7	104-51-8	1	<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene			<0.1 mg/kg			<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>	
Ľ		602-034-00-7	202-425-9	95-50-1		<b>VO.1</b>			<b>VO. 1</b>		C0.00001 70		\LUD
72		1,2-dibromo-3-chlo	ropropane			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
L		602-087-00-6	204-428-0	120-82-1		10			10		10.00001 70		1202
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
L			201-765-5	87-68-3									
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
Ĺ			201-757-1	87-61-6			3,119						
76	0	polychlorobiphenyl	s; PCB			<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< th=""></lod<>
L		602-039-00-4	039-00-4 215-648-1 1336-36-3			10.000	9/119		13.000	9/119	10.0000000 /0		
										Total:	1.734 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	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< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

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

## Sample details

Sample name: LoW Code:

BH14 Chapter:
Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		15.3	mg/kg	1.32	20.201	mg/kg	0.00202 %		
2	4		1	1303-86-2		1.05	mg/kg	3.22	3.381	mg/kg	0.000338 %		
3	æ	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		1.81	mg/kg	1.142	2.068	mg/kg	0.000207 %		
4	æ	chromium in chrom	nium(III) compound e (worst case) 215-160-9	s { • • • • • • • • • • • • • • • • • •		27.3	mg/kg	1.462	39.9	mg/kg	0.00399 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
7	4	iron { • iron (III) ox	xide }	1309-37-1		31700	mg/kg	1.43	45322.911	mg/kg	4.532 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	64.8	mg/kg		64.8	mg/kg	0.00648 %		
9	4	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa	te } 232-104-9	7786-81-4		32.6	mg/kg	2.637	85.956	mg/kg	0.0086 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.13	mg/kg	1.405	1.588	mg/kg	0.000159 %		
12	4	vanadium { • divapentoxide }				42.4	mg/kg	1.785	75.692	mg/kg	0.00757 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		243	mg/kg	2.469	600.039	mg/kg	0.06 %		
14	9	рН		PH		7.27	рН		7.27	рН	7.27 pH		



					Т								
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	S							MC	
15	<b>«</b>	cyanides { salts exception of compl ferricyanides and n specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			-								
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene	200 100 1	7 1 10 2	+								
18			203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4									
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	/lpropane	4004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3		10.000					10.0000000 70		,
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	200 017 1	200 30 0	+								
24	0	·	201-469-6	83-32-9	+	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen	204-927-3 e	129-00-0		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
L		601-033-00-9	200-280-6	56-55-3	1	.0.017	9/119				3.000301170		
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe		205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe		207-08-9	+	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene	,	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
		dibenz[a,h]anthrac	205-893-2 ene	193-39-5									
36		601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Г				<u>,</u>						Total:	4.628 %		

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



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

## Sample details

Sample name: LoW Code: BH15 Chapter: Sample Depth:

0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		20.5	mg/kg	1.32	27.067	mg/kg	0.00271 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.342	mg/kg	1.142	0.391	mg/kg	0.0000391 %		
4	æ <b>\$</b>	chromium in chrom		ls { • 1308-38-9		5.35	mg/kg	1.462	7.819	mg/kg	0.000782 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		7.55	mg/kg	1.126	8.5	mg/kg	0.00085 %	Ì	
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		77100	mg/kg	1.43	110233.326	mg/kg	11.023 %		
8	4	lead {			1	19.4	mg/kg		19.4	mg/kg	0.00194 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.128	mg/kg	1.353	0.173	mg/kg	0.0000173 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		10	mg/kg	2.637	26.367	mg/kg	0.00264 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				33.5	mg/kg	1.785	59.804	mg/kg	0.00598 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		49.6	mg/kg	2.469	122.477	mg/kg	0.0122 %		
14	0	pH		PH		7.56	рН		7.56	рН	7.56 pH		

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$\overline{}$	П				_			<u> </u>				1	
#		FU OID in Jan.	Determinand	CAC Niverbar	P Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15		cyanides { salts of exception of complex ferricyanides and me specified elsewhere	x cyanides such a ercuric oxycyanid	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5											
16	0	TPH (C6 to C40) pet	troleum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
''	į	601-020-00-8	00-753-7	71-43-2		<b>VO.10</b>				mg/kg	<b>40.000010</b> 70		\LUD
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	į	601-021-00-3	03-625-9	108-88-3	1								
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			02-849-4	100-41-4	1								
20	i	21	02-422-2 [1] 03-396-5 [2] 03-576-3 [3] 15-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ethe 2-methoxy-2-methylp	er; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	02-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		acenaphthylene		17	$\dagger$								
23			05-917-1	208-96-8	1	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	9	acenaphthene	01-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 2	01-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene 2	01-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0		04-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	05-912-4	206-44-0	_	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	04-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene		1.20 00 0		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
	į	601-033-00-9	00-280-6	56-55-3	1	,0.011	9,119			9'''9			
31		chrysene 601-048-00-0	05 022 <i>4</i>	h10 01 0	_	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthene	05-923-4 e	218-01-9	+	-0.015	ma/ka		-0.015	ma/ka	<0.0000015 %		<lod< td=""></lod<>
J2		601-034-00-4	05-911-9	205-99-2	1	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lud< td=""></lud<>
33		benzo[k]fluoranthene		b07.00.0		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; ben	05-916-6 zo[def]chrysene	207-08-9	$\dagger$	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		601-032-00-3	00-028-5	50-32-8		30.010			30.010	9/1/9			
35	Θ	indeno[123-cd]pyren	05-893-2	193-39-5	-	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracer		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	05-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	ļ	phenol 604-001-00-2	03-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	الصا										11.055 %	1	



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

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

## Sample details

Sample name: LoW Code:

BH16 Chapter:
Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		003-101-00-7	1034-04-4						Total:	0.00006 %	H		

#### Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**<LOD** Below limit of detection

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

## Sample details

Sample name: LoW Code: BH16[2] Chapter: Sample Depth:

0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		5.12	mg/kg	1.32	6.76	mg/kg	0.000676 %		
2	e#		oxide; boric oxide } 215-125-8			<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	e#			1306-19-0		0.553	mg/kg	1.142	0.632	mg/kg	0.0000632 %		
4	æ	chromium in chrom	nium(III) compound	ls { • 1308-38-9		5.83	mg/kg	1.462	8.521	mg/kg	0.000852 %		
5	æ	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper o				10.8	mg/kg	1.126	12.16	mg/kg	0.00122 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		13400	mg/kg	1.43	19158.581	mg/kg	1.916 %		
8	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6			1	7.65	mg/kg		7.65	mg/kg	0.000765 %		
9	æ\$	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		14.3	mg/kg	2.637	37.705	mg/kg	0.00377 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				9.57	mg/kg	1.785	17.084	mg/kg	0.00171 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		29.7	mg/kg	2.469	73.338	mg/kg	0.00733 %		
14	0	pH	231-793-3 [2]	7733-02-0 [2] PH	-	7.62	pН		7.62	pН	7.62 pH		

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$\overline{}$					_							_	
#		FILOLD in day.	Determinand	CAC Number	P Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15		cyanides { salts of exception of complete ferricyanides and management of the specified elsewhere	ex cyanides such a ercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5								_			
16	0	TPH (C6 to C40) pe	troleum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene		177.77	$\dagger$	-0.10			-0.10	m = //. =	-0.000048.0/		-1.00
17		601-020-00-8	200-753-7	71-43-2	1	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
10		601-021-00-3	203-625-9	108-88-3		V0.14			VO.14	mg/kg	Q0.000014 70		\LUD
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4									
20	i	2	202-422-2 [1] 203-396-5 [2] 203-576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
			215-535-7 [4]	1330-20-7 [4]									
21		tert-butyl methyl eth 2-methoxy-2-methyl	propane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	H	naphthalene	216-653-1	1634-04-4	+								
22		·	202-049-5	91-20-3	4	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
00	0	acenaphthylene		J		0.040			0.040		0.0000040.0/		1.00
23			205-917-1	208-96-8	1	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	Θ.	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30	П	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
	Ц		200-280-6	56-55-3	1		· · · · · ·			5.78	, , , ,		<b>-</b>
31		chrysene	205.002.4	040.04.0	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash$	H	benzo[b]fluoranthen	205-923-4	218-01-9	+								
32			205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		benzo[k]fluoranthen		F	$^{+}$	_							
33			205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; ber		E0 22 0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
$\vdash$	H	indeno[123-cd]pyrer	200-028-5	50-32-8	+								
35	9		205-893-2	193-39-5	-	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash$				1						Total:	1.937 %	1	



Key	
Rey	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
9	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

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

## Sample details

Sample name: LoW Code:

BH17 Chapter:
Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		5.64	mg/kg	1.32	7.447	mg/kg	0.000745 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.0798	mg/kg	1.142	0.0912	mg/kg	0.00000912 %		
4	4	chromium in chrom		ls { • 1308-38-9		3.86	mg/kg	1.462	5.642	mg/kg	0.000564 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	ride }		7.15	mg/kg	1.126	8.05	mg/kg	0.000805 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		14500	mg/kg	1.43	20731.3	mg/kg	2.073 %		
8	4	lead {			1	11.6	mg/kg		11.6	mg/kg	0.00116 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		8.69	mg/kg	2.637	22.913	mg/kg	0.00229 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		13.1	mg/kg	1.785	23.386	mg/kg	0.00234 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		28.3	mg/kg	2.469	69.881	mg/kg	0.00699 %		
14	0	pН		РН		7.63	рН		7.63	рН	7.63 pH		



$\overline{\Box}$		<u> </u>		T							-	
#		Determinand	0.40.11	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	CAS Number	딩							MC	
15	<b>4</b>	cyanides { ** salts of hydrogen cyanide exception of complex cyanides such as ferricyanides and mercuric oxycyanide a specified elsewhere in this Annex }	ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) petroleum group	PH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
		benzene	-п									
17			1-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
10		601-021-00-3 203-625-9 10	)8-88-3		V0.14	mg/kg		V0.14	ilig/kg	<0.000014 /8		\LOD
19	0	ethylbenzene			<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			00-41-4								H	
20		203-396-5 [2] 10 203-576-3 [3] 10	5-47-6 [1] 06-42-3 [2] 08-38-3 [3] 330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 16	634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene	034-04-4								Н	
22		·	1-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene			-0.012	malka		-0.012	ma/ka	-0.0000012.9/		<lod< td=""></lod<>
23		205-917-1 20	08-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lud< td=""></lud<>
24	0	acenaphthene 201-469-6 83	3-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 201-695-5 86	6-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene 201-581-5 85	5-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene 204-371-1 12	20-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene			<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<lod< td=""></lod<>
		205-912-4 20	06-44-0									
29	Θ	pyrene 204-927-3 12	29-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene 601-033-00-9 200-280-6 56	6-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		<b>chrysene</b> 601-048-00-0 205-923-4 21	18-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthene	05-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthene	07-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[def]chrysene	)-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyrene	93-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracene	3-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
27	0	benzo[ghi]perylene	, ı ∪-∪		-0.004	m = /!		-0.004	m ~ //	-0.0000004.04		.I 05
37			91-24-2	Ĺ	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2 203-632-7 10	)8-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
				_					Total:	2.092 %		

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





# Unknown. Chemistry data not provided.

Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: BH18 Chapter:

Sample Depth: 0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 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		Note	User entered data	Conv.	Compound conc.	Classification value		nc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC/	Useu
				•				Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code:

BH18[2] Chapter:
Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		10	mg/kg	1.32	13.203	mg/kg	0.00132 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.352	mg/kg	1.142	0.402	mg/kg	0.0000402 %		
4	4	chromium in chrom		ls {		23.3	mg/kg	1.462	34.054	mg/kg	0.00341 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		11.8	mg/kg	1.126	13.285	mg/kg	0.00133 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		23800	mg/kg	1.43	34027.927	mg/kg	3.403 %		
8	4	lead {			1	16.4	mg/kg		16.4	mg/kg	0.00164 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		29.2	mg/kg	2.637	76.991	mg/kg	0.0077 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		56.3	mg/kg	2.469	139.021	mg/kg	0.0139 %		
14	0	pН		РН		7.28	рН		7.28	рН	7.28 pH		



#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	e <b>¢</b>	cyanides { salts exception of complete ferricyanides and respecified elsewher 006-007-00-5	lex cyanides such a mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН	+	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	Θ	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.0234	mg/kg		0.0234	mg/kg	0.00000234 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	Θ	fluoranthene	205-912-4	206-44-0		0.0667	mg/kg		0.0667	mg/kg	0.00000667 %		
29	0	pyrene	204-927-3	129-00-0		0.0588	mg/kg		0.0588	mg/kg	0.00000588 %		
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.0366	mg/kg		0.0366	mg/kg	0.00000366 %		
31			205-923-4	218-01-9		0.0422	mg/kg		0.0422	mg/kg	0.00000422 %		
32		benzo[b]fluoranthe	205-911-9	205-99-2		0.0563	mg/kg		0.0563	mg/kg	0.00000563 %		
33		benzo[k]fluoranthe	205-916-6	207-08-9	_	0.0253	mg/kg		0.0253	mg/kg	0.00000253 %		
34			200-028-5	50-32-8	_	0.0392	mg/kg		0.0392	mg/kg	0.00000392 %		
35	0	indeno[123-cd]pyre	205-893-2	193-39-5	_	0.0341	mg/kg		0.0341	mg/kg	0.00000341 %		
36		dibenz[a,h]anthrac	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	Θ	benzo[ghi]perylene	205-883-8	191-24-2		0.0312	mg/kg		0.0312	mg/kg	0.00000312 %		
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>

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$\overline{}$	Т		T					T	
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	S Applied	Conc. No
		number	苬					MC	
41	Θ	bromochloromethane   200-826-3   74-97-5	-	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
40		1,1,1-trichloroethane; methyl chloroform		0.44		0.4.4	0.00004.4.0/		1.00
43		602-013-00-2 200-756-3 71-55-6		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane           602-008-00-5          200-262-8          56-23-5	-	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride 602-012-00-7 203-458-1 107-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene		0.40		0.40	0.00004.0.0/		1.00
47		602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride         602-020-00-0       201-152-2       78-87-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8 200-824-2 74-95-3	-	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane 200-856-7 75-27-4		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]							
51		602-030-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		431-460-4   10061-02-6 1,1,2-trichloroethane	+						
53		602-014-00-8   201-166-9   79-00-5	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane 205-531-3 142-28-9		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-010-00-6 203-444-5 106-93-4 chlorobenzene					-0.00004.0/		1.00
57	1	602-033-00-1 203-628-5 108-90-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	Θ	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0   202-851-5   100-42-5	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		602-007-00-X 200-854-6 75-25-2 bromobenzene	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
_		602-060-00-9 203-623-8 108-86-1 1,2,3-trichloropropane	1						
62		602-062-00-X 202-486-1 96-18-4		<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]							
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
65		tert-butylbenzene	+	.0.00 "		.0.00 "	-0.000000.00		
65		202-632-4 98-06-6		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		<b>1,2,4-trimethylbenzene</b> 601-043-00-3   202-436-9   95-63-6	-	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0   135-98-8							



#		Determinand  EU CLP index		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
68	0	4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
			202-796-7	99-87-6	$\perp$								
69		1,4-dichlorobenzen	ne; p-dichlorobenzo	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		602-035-00-2	203-400-5	106-46-7		30.1	mg/ng		30.1	mg/ng	40.00001 70		\
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
			203-209-7	104-51-8									
71		1,2-dichlorobenzene; o-dichlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		602-034-00-7	202-425-9	95-50-1									
72		1,2-dibromo-3-chlo	• •			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
13		602-087-00-6	204-428-0	120-82-1		ζ0.1	ilig/kg		ζυ.1		<0.00001 /8		\LOD
74	Θ	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
			201-765-5	87-68-3			3 3			J J			
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
			201-757-1	87-61-6									
76	0	polychlorobiphenyl	s; PCB			<0.036	mg/kg		<0.036	mg/kg	<0.000036 %		<lod< th=""></lod<>
	602-039-00-4 215-648-1 1336-36-3				30.000	mg/ng		30.000	g/g	10.0000000 70		100	
										Total:	3.442 %		

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

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

## Sample details

Sample name: LoW Code:

BH18[3] Chapter:

Sample Depth:

1.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	EU CLP index		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		2.64	mg/kg	1.32	3.486	mg/kg	0.000349 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.137	mg/kg	1.142	0.156	mg/kg	0.0000156 %		
4	*	chromium in chrom		ls {		33.6	mg/kg	1.462	49.108	mg/kg	0.00491 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	*	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	ride }		8.16	mg/kg	1.126	9.187	mg/kg	0.000919 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		20400	mg/kg	1.43	29166.795	mg/kg	2.917 %		
8	**	lead {			1	5.23	mg/kg		5.23	mg/kg	0.000523 %		
9	~	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	-	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		24	mg/kg	2.637	63.28	mg/kg	0.00633 %		
11	♣	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.04	mg/kg	1.405	1.461	mg/kg	0.000146 %		
12	4		nadium pentaoxide	9; vanadium		28.3	mg/kg	1.785	50.521	mg/kg	0.00505 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		59.9	mg/kg	2.469	147.911	mg/kg	0.0148 %		
14	0	pН		PH		8.59	рН		8.59	рН	8.59 pH		



Total: 2.954 %

_		1			_							_	
#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	2 Applied	Conc. No
		number	EC Number	CAS Number	C							MC	
15	**	cyanides { salts exception of comp ferricyanides and specified elsewhere 006-007-00-5	lex cyanides such mercuric oxycyania	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	petroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-020-9	100-00-3	+	0.00			2.22				
19		601-023-00-4	202-849-4	100-41-4	1	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl e 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracer 601-033-00-9	ne 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe	ene 205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	ene 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; b 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyr	ene 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrad	cene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylend	e 205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
												1	

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



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

## Sample details

Sample name: LoW Code: BH19 Chapter: Sample Depth:

0.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e#	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		2.9	mg/kg	1.32	3.829	mg/kg	0.000383 %		
2	æ		oxide; boric oxide } 215-125-8	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	e#	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.25	mg/kg	1.142	2.57	mg/kg	0.000257 %		
4	æ	chromium in chrom	nium(III) compound	ls { • 1308-38-9		3.99	mg/kg	1.462	5.832	mg/kg	0.000583 %		
5	<b>4</b>	1				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	e#	copper { dicopper of the dicop	oxide; copper (I) ox	ride }		7.18	mg/kg	1.126	8.084	mg/kg	0.000808 %	Ī	
7	<b>4</b>	iron { iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		4530	mg/kg	1.43	6476.744	mg/kg	0.648 %		
8	<b>4</b>	lead { lead compospecified elsewher			1	29.2	mg/kg		29.2	mg/kg	0.00292 %		
9	e C	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { nickel sulfa	te } 232-104-9	7786-81-4		4.71	mg/kg	2.637	12.419	mg/kg	0.00124 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • diva				5.41	mg/kg	1.785	9.658	mg/kg	0.000966 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		90.8	mg/kg	2.469	224.212	mg/kg	0.0224 %		
14	0	рН	231-793-3 [2]	7733-02-0 [2] PH		8.55	рН		8.55	рН	8.55 pH		

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_				_	T					Г	_	
	511 01 D 1	Determinand		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
	number	EC Number	CAS Number	딩							MC	
	exception of complete ferricyanides and management of the specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
-		etroleum aroup		$\vdash$								
	, ,,		TPH		222	mg/kg 		222	mg/kg	0.0222 %		
		200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	toluene		108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		203-023-9	100-00-3	+								
	•	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
L		203-396-5 [2] 203-576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	2-methoxy-2-methy	/lpropane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	naphthalene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	acenaphthylene		1		<0.24	mg/kg		<0.24	mg/kg	<0.000024 %		<lod< td=""></lod<>
0	acenaphthene				<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
		201-469-6	83-32-9	$\perp$							Н	
0		201-695-5	86-73-7	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
0	phenanthrene	201-581-5	85-01-8		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<lod< td=""></lod<>
Θ	anthracene	204-371-1	120-12-7		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
0	fluoranthene	205-912-4	206-44-0		<0.34	mg/kg		<0.34	mg/kg	<0.000034 %		<lod< td=""></lod<>
Θ.		204-927-3	129-00-0		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<lod< td=""></lod<>
L	benzo[a]anthracen	e			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
	chrysene	1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	benzo[b]fluoranthe	ne	1		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<lod< td=""></lod<>
_		1	Ł05-99-2	+							H	
i	601-036-00-5	205-916-6	207-08-9		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
			50-32-8		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<lod< td=""></lod<>
0			193-39-5		<0.36	mg/kg		<0.36	mg/kg	<0.000036 %		<lod< td=""></lod<>
L	dibenz[a,h]anthrace	ene			<0.46	mg/kg		<0.46	mg/kg	<0.000046 %		<lod< td=""></lod<>
_	benzo[ghi]perylene	)			<0.48	mg/kg		<0.48	mg/kg	<0.000048 %		<lod< td=""></lod<>
	phenol	205-883-8	191-24-2									<lod< td=""></lod<>
$\rightarrow$		1	108-95-2	1	30.01	9/119		30.01	g, Ng	.0.0000170	H	-255
0		203-458-1,	,	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		cyanides { salts exception of compl ferricyanides and n specified elsewhern 006-007-00-5 TPH (C6 to C40) p benzene 601-020-00-8 toluene 601-021-00-3 ethylbenzene 601-023-00-4 xylene 601-022-00-9  tert-butyl methyl et 2-methoxy-2-methyl 603-181-00-X naphthalene 601-052-00-2 acenaphthylene fluorene fluorene phenanthrene fluoranthene fluoranthene pyrene benzo[a]anthracene 601-033-00-9 chrysene 601-048-00-0 benzo[b]fluoranthet 601-034-00-4 benzo[k]fluoranthet 601-036-00-5 benzo[a]pyrene; be 601-032-00-3 indeno[123-cd]pyre dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene phenol 604-001-00-2 1,1-dichloroethane	EU CLP index number  cyanides {	EU CLP index number  cyanides {	EU CLP index number   CAS Number number   Cas Number   Ca	EU CLP index   EC Number   CAS Number   CA	Section   Case   Case	EU CLP index   EC Number   CAS Number   Actor   Conv.   Factor   CAS Number   CAS N	Substitute   Compound   Compoun	Superiority   Compound conc.   Compound conc.	EU CLP Index   EC Number   CAS Number   \$\frac{2}{8}\$   \text{User entered data} \text{Corv. Pactor of value} \text{Corr. Value} \text{Value} \text{Corr. Value} \text{Value}	## Countries   Columber   CAS Number   CAS N



#		Determina	and	CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	per CAS Number	CLP			Factor			value	MC /	Used
41	0	bromochloromethane 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl ch 602-013-00-2 200-756-3	loroform 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloro 602-008-00-5 200-262-8	methane 56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		<b>1,2-dichloroethane</b> ; ethylene did 602-012-00-7 203-458-1	chloride 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethen 602-027-00-9 201-167-4	e 79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		<b>1,2-dichloropropane</b> ; propylene 602-020-00-0 201-152-2	dichloride 78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8 200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane 200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3 602-030-00-5 208-826-5 [1 233-195-8 [2	] 542-75-6 [1]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4	10061-02-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		<b>1,1,2-trichloroethane</b> 602-014-00-8 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	(3)	1,3-dichloropropane	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane 211-135-1	630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		<b>1,2,3-trichloropropane</b> 602-062-00-X 202-486-1	96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotolu 4-chlorotoluene; [3] chlorotolue 602-040-00-X 202-424-3 [1 203-580-5 [2	ne [4] ] 95-49-8 [1]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-397-0 [3 246-698-2 [4	106-43-4 [3] 25168-05-2 [4]									
64		mesitylene; 1,3,5-trimethylbenz 601-025-00-5 203-604-4	ene 108-67-8		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene 202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		<b>1,2,4-trimethylbenzene</b> 601-043-00-3 202-436-9	95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>

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#		Determinand  EU CLP index		CLP Note	User entered	l data	Conv. Factor	Compound	l conc.	Classification value	MC Applied	Conc. Not Used	
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
74	0	hexachlorobutadien	ne 201-765-5	87-68-3		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	0.702 %		

ne	y

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
Below limit of detection
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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0222%)



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

## Sample details

Sample name: LoW Code: BH24 Chapter: Sample Depth:

1 m Entry:

from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

# **Hazard properties**

None identified

#### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data	Con	Compound conc	Classification value	MC Applied	Conc. Not Used
1		benzene	000 750 7	74 40 0		<0.18 mg/k	9	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
	H		200-753-7	71-43-2	┢						
2		toluene	000 005 0	400.00.0		<0.2 mg/k	9	<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
	-		203-625-9	108-88-3	_						
3	0	ethylbenzene				<0.08 mg/k	1	<0.08 mg/kg	<0.000008 %		<lod< td=""></lod<>
ľ		601-023-00-4	202-849-4	100-41-4		1119/10	9	to.oo mg/kg	40.000000 70		\
4		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.23 mg/k	9	<0.23 mg/kg	<0.000023 %		<lod< td=""></lod<>
		003-101-00-X	Z 10-000-1	1034-04-4				Total	: 0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection

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

## Sample details

Sample name: LoW Code:

BH25 Chapter:
Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-methy		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		003-101-00-7	K 10-000-1	1034-04-4						Total:	0.00006 %	H	

#### Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection

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

## Sample details

Sample name: LoW Code: BH25[2] Chapter: Sample Depth:

Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic trioxide } 033-003-00-0		4.21	mg/kg	1.32	5.559	mg/kg	0.000556 %		
2	4	boron { diboron trioxide; boric oxide } 005-008-00-8		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ	cadmium { cadmium oxide } 048-002-00-0		0.446	mg/kg	1.142	0.509	mg/kg	0.0000509 %		
4	ď	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		<0.9	mg/kg	1.462	<1.315	mg/kg	<0.000132 %		<lod< td=""></lod<>
5	4		<mark>(1)</mark>	<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	ď	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4.15	mg/kg	1.126	4.672	mg/kg	0.000467 %		
7	4	iron { iron (III) oxide }		18200	mg/kg	1.43	26021.356	mg/kg	2.602 %		
8	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	7.7	mg/kg		7.7	mg/kg	0.00077 %		
9	ď	mercury { mercury dichloride } 080-010-00-X		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	ď	nickel { nickel sulfate } 028-009-00-5		8.34	mg/kg	2.637	21.99	mg/kg	0.0022 %		
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	of	<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium {		9.2	mg/kg	1.785	16.424	mg/kg	0.00164 %		
13	4	023-001-00-8		37.5	mg/kg	2.469	92.599	mg/kg	0.00926 %		
14	0	pH PH		8.51	рН		8.51	рН	8.51 pH		

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_	_		<del></del>		_			1			Γ		
#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	C							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group								2 222 24	Н	
16				TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	200-733-7	/ 1-43-Z		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			203-625-9	108-88-3	1								
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	202-043-4	100-41-4	+								
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	h00 040 F	h4 00 0		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	601-052-00-2 acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<lod< td=""></lod<>
23			205-917-1	208-96-8		Q0.012			V0.012	ilig/kg	<0.0000012 /8		\LOD
24	0	acenaphthene	004 400 0	ha aa a		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
	0	fluorene	201-469-6	83-32-9	╁							H	
25	9		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	Θ	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	9	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
_			204-927-3	129-00-0	1								
30		benzo[a]anthracene	e 200-280-6	56-55-3	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		benzo[b]fluoranthe	1	210-01-9	H	0.045			0.045		0.000045.0/		
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther	ne  205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	1	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac	205-893-2 ene	193-39-5		<0.023	mg/kg		<0.023	ma/ka	<0.0000023 %		<lod< td=""></lod<>
30		601-041-00-2	200-181-8	53-70-3		<0.023	IIIg/kg		<u> </u>	mg/kg	<0.0000023 //		\LOD
37	0	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		-0.01	ma/ka		-0.01	ma/ka	<0.000001.9/	H	<lod< td=""></lod<>
36			203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lud< td=""></lud<>
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	1	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L			E03-002-0	PJT-20-1	$\bot$								



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$\overline{}$	<u> </u>			$\overline{}$							T.	
#		Determina		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	er CAS Number	CLP							MC	
41	0	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		200-826-3	74-97-5	+								
42		chloroform; trichloromethane	67.00.0		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
		602-006-00-4 200-663-8 1,1,1-trichloroethane; methyl chl	67-66-3	+								
43		602-013-00-2 200-756-3	71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		carbon tetrachloride; tetrachloro										
45		602-008-00-5 200-262-8	56-23-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dic	hloride		-0.1	malka		<0.1	ma/ka	<0.00001 %		<lod< td=""></lod<>
40		602-012-00-7 203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lud< td=""></lud<>
47		trichloroethylene; trichloroethene	)		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
Ľ.		602-027-00-9 201-167-4	79-01-6		40.10					40.000010 70		1200
48		1,2-dichloropropane; propylene	dichloride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-020-00-0 201-152-2	78-87-5									
49		dibromomethane 602-003-00-8 200-824-2	74-95-3	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane	75.07.4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7 1,3-dichloropropene; [1] (Z)-1,3-	75-27-4	+								
51		602-030-00-5 208-826-5 [1] 233-195-8 [2	542-75-6 [1]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		trans-1,3-dichloropropene	10001-01-3 [2]	+								
52		431-460-4	10061-02-6	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1,1,2-trichloroethane	10001 02 0	+								
53		602-014-00-8 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		204-704-0	124-48-1									
56		1,2-dibromoethane	1,00,00,1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-010-00-6 203-444-5	106-93-4									
57		chlorobenzene 602-033-00-1 203-628-5	108-90-7	4	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane	100-90-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
30		211-135-1	630-20-6		<b>VU.2</b>	ilig/kg				<0.00002 /8		\LOD
59		styrene 202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane	100 72 0		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		602-007-00-X 200-854-6	75-25-2	1		59			J g			
61		bromobenzene 602-060-00-9 203-623-8	108-86-1	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202-486-1 2-chlorotoluene; [1] 3-chlorotolu	96-18-4 ene: [2]	+								
		4-chlorotoluene; [3] chlorotoluer	e [4]									
63		602-040-00-X 202-424-3 [1 203-580-5 [2 203-397-0 [3 246-698-2 [4	108-41-8 [2] 106-43-4 [3]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenze			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %	ı	<lod< td=""></lod<>
		601-025-00-5 203-604-4	108-67-8		Q.10	mg/kg		νο.10	g/kg	10.000010 /0		.200
65	0	tert-butylbenzene	98-06-6	_	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-043-00-3 202-436-9	95-63-6	1								
67	0	sec-butylbenzene	135-98-8	$\dashv$	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1	1		1						1	L

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#	Determinand  EU CLP index		CLP Note	User entered	l data	Conv. Factor	Compound	l conc.	Classification value	MC Applied	Conc. Not Used		
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70		n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72	1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>	
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	2.622 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>₫</b>	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Relow limit of detection</th></lod<>	Relow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





# Unknown. Chemistry data not provided.

Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: BH25[3] Chapter:

Sample Depth: 6 m Entry: 03)

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

## **Hazard properties**

None identified

## **Determinands**

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

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

Key

User supplied data

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

## Sample details

Sample name: LoW Code:

BH25[4] Chapter:
Sample Depth:
6.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		12.5	mg/kg	1.32	16.504	mg/kg	0.00165 %		
2	æ å	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		2.98	mg/kg	1.142	3.404	mg/kg	0.00034 %		
4	4	chromium in chron chromium(III) oxide	nium(III) compound e (worst case) } 215-160-9	ls { • • • • • • • • • • • • • • • • • •		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
5	4	chromium in chron oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$		oxide; copper (I) ox	ide }		21.5	mg/kg	1.126	24.207	mg/kg	0.00242 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		28600	mg/kg	1.43	40890.702	mg/kg	4.089 %		
8	4	lead {	pounds with the execution this Annex (wo		1	54.9	mg/kg		54.9	mg/kg	0.00549 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		33.9	mg/kg	2.637	89.384	mg/kg	0.00894 %		
11	<b>4</b>		m compounds with elenide and those s unnex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	pentoxide }	nadium pentaoxide			34.9	mg/kg	1.785	62.303	mg/kg	0.00623 %		
13	_	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		217	mg/kg	2.469	535.837	mg/kg	0.0536 %		
14	0	pH		PH		7.35	рН		7.35	рН	7.35 pH		



_										<u> </u>		
#		Determin  EU CLP index		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number		0							2	
15	≪4	cyanides { salts of hydroger exception of complex cyanides ferricyanides and mercuric oxyspecified elsewhere in this Anno 006-007-00-5	such as ferrocyanides, cyanide and those		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) petroleum gr	OUD								Н	
16		, ,,	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	9	ethylbenzene			<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4 202-849-4	100-41-4	+							H	
20		xylene   202-422-2   203-396-5   203-576-3   215-535-7	2] 106-42-3 [2] 3] 108-38-3 [3]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2 202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene			<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<lod< td=""></lod<>
	0	205-917-1 acenaphthene	208-96-8	-				<u> </u>			$\vdash$	
24	9	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 201-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene 201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	\ <u>\</u>		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
00	0	204-371-1 fluoranthene	120-12-7		0.047			0.047		0.0000047.0/		100
28		205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene 204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene			<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		601-033-00-9 200-280-6 chrysene	56-55-3		<0.01	malka		<0.01	ma/ka	<0.000001 %		<lod< td=""></lod<>
51		601-048-00-0 205-923-4	218-01-9		20.01	mg/kg		<b>40.01</b>	mg/kg	<0.000001 /8		LOD
32		benzo[b]fluoranthene 601-034-00-4 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthene 601-036-00-5 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[def]chr	ysene	$\dagger$	<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
		601-032-00-3 200-028-5 indeno[123-cd]pyrene	50-32-8	1								
35	_	205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracene 601-041-00-2 200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene			<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		205-883-8 phenol	191-24-2	+	<0.01	ma/ka		<0.01	ma/ka	<0.000001 %		<lod< td=""></lod<>
50		604-001-00-2 203-632-7	108-95-2	1	CU.U1	mg/kg		ζυ.01	mg/kg	V0.000001 70		\LUD
39	0	1,1-dichloroethane and 1,2-dic 203-458-1, 200-863-5	hloroethane (combined) 107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropane	504.00.7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	<u> </u>	209-832-0	594-20-7									

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	П				Т							$\overline{}$	
#		FILOUD index	Determinand	CAC November	P Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied:	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
41	0	bromochloromethan		74-97-5	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro		14-91-3	+	-0.16	ma/ka		<0.16	ma/ka	<0.000016 %	Н	<lod< td=""></lod<>
42				67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %	Ш	<lud< td=""></lud<>
43		1,1,1-trichloroethane 602-013-00-2 2	· •	m 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 2		563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	*	ine 56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane;	ethylene dichloride	е		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
	Н	602-012-00-7 2 trichloroethylene; tric		107-06-2								H	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane 602-020-00-0 2		ride 78-87-5	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane		74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	П	<lod< td=""></lod<>
50	0	bromodichlorometha	ane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %	П	<lod< td=""></lod<>
		1,3-dichloropropene		75-27-4 ropropene [2]	+							H	
51		602-030-00-5 2	08-826-5 [1]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropro	·	10061-02-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane		10001 02 0		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
				79-00-5		10.2				9/11.9	40.00002 70	Ш	
54	0	1,3-dichloropropane		142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometha		124-48-1	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	03-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
58	0	602-033-00-1 2 1,1,1,2-tetrachloroet		108-90-7		-0.2	ma/ka		<0.2	ma/ka	<0.00002 %	H	<lod< td=""></lod<>
36		2	11-135-1	630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ш	<lod< td=""></lod<>
59		styrene 601-026-00-0 2	02-851-5	100-42-5	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromo	methane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
61	H	bromobenzene	00-854-6	75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	H	<lod< td=""></lod<>
				108-86-1							.0.000Z 70	$\sqcup$	
62		1,2,3-trichloropropar 602-062-00-X 2		96-18-4	-	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] : 4-chlorotoluene; [3]	3-chlorotoluene; [2									П	
63		602-040-00-X 2 2	02-424-3 [1] 03-580-5 [2] 03-397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trir	methylbenzene			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %	П	<lod< td=""></lod<>
	0	601-025-00-5 2 tert-butylbenzene	03-604-4	108-67-8	+							H	
65			02-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenze		95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
$\Box$		2	205-227-0	135-98-8									



#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	Conc. Not Used
68	0	4-isopropyltoluene 202-796-7 99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5   106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
70	0	n-butylbenzene 203-209-7 104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %	<lod< th=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
72		<b>1,2-dibromo-3-chloropropane</b> 602-021-00-6 202-479-3 96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %	<lod< th=""></lod<>
73		<b>1,2,4-trichlorobenzene</b> 602-087-00-6 204-428-0   120-82-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
74	0	hexachlorobutadiene 201-765-5 87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene   201-757-1   87-61-6		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %	<lod< th=""></lod<>
						Total:	4.175 %	

K	ey

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

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

## Sample details

Sample name: LoW Code:

BH26 Chapter:
Sample Depth:

0.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
1	æ å		ioxide }	1327-53-3		5.31	mg/kg	1.32	7.011	mg/kg	0.000701 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.452	mg/kg	1.142	0.516	mg/kg	0.0000516 %		
4	4	chromium in chrom		ls {		1.81	mg/kg	1.462	2.645	mg/kg	0.000265 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		7.46	mg/kg	1.126	8.399	mg/kg	0.00084 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		15400	mg/kg	1.43	22018.07	mg/kg	2.202 %		
8	4	lead {			1	11.2	mg/kg		11.2	mg/kg	0.00112 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		7.63	mg/kg	2.637	20.118	mg/kg	0.00201 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	; vanadium		9.89	mg/kg	1.785	17.655	mg/kg	0.00177 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		47.9	mg/kg	2.469	118.279	mg/kg	0.0118 %		
14	0	pH		РН		9.03	рН		9.03	рН	9.03 pH		



					T			1 1					
#			Determinand		CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF							MC	
15	*	cyanides { salts of exception of comple ferricyanides and m specified elsewhere 006-007-00-5	ex cyanides such a ercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_	TPH (C6 to C40) pe	etroleum aroun		+								
16	9	11 11 (CO to C+0) pe	stroledin group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	+								
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methyl 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	210-033-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<lod< td=""></lod<>
			202-049-5	91-20-3	1	V0.000					<0.0000003 70		LOD
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.0225	mg/kg		0.0225	mg/kg	0.00000225 %		
			205-912-4	206-44-0	-								
29	0	pyrene	204-927-3	129-00-0		0.0214	mg/kg		0.0214	mg/kg	0.00000214 %		
30		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3	-	0.0149	mg/kg		0.0149	mg/kg	0.00000149 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0141	mg/kg		0.0141	mg/kg	0.00000141 %		
32		benzo[b]fluoranthen		205-99-2		0.0166	mg/kg		0.0166	mg/kg	0.00000166 %		
		benzo[k]fluoranthen		<u>-</u> UJ-33-Z	$\vdash$							Н	
33		601-036-00-5	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; ber 601-032-00-3	nzo[def]chrysene 200-028-5	50-32-8		0.018	mg/kg		0.018	mg/kg	0.0000018 %		
35	0	indeno[123-cd]pyrei	ne 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene	200-181-8	53-70-3		<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<lod< td=""></lod<>
J.			205-883-8	191-24-2	1	13.021			10.02 1		3.000302170		
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1,	hane (combined) 107-06-2, 75-34-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropane		 		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		2	209-832-0	594-20-7									

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_	_								T
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not
41	0	number bromochloromethane	0	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	2	<lod< td=""></lod<>
<u> </u>		200-826-3 74-97-5		10.2 mg/kg		TO:2 mg/kg	10.00002 /0		1202
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44	H	602-013-00-2 200-756-3 71-55-6 1,1-dichloropropene		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		602-031-00-0 209-253-3 563-58-6 carbon tetrachloride; tetrachloromethane					<0.00002 %		<lod< td=""></lod<>
45		602-008-00-5   200-262-8   56-23-5   1,2-dichloroethane; ethylene dichloride		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		602-012-00-7 203-458-1 107-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride 602-020-00-0   201-152-2   78-87-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8   200-824-2   74-95-3		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
E4		200-856-7		-0.2 mallis		20.2 mg//:-	<0.00002.9/		-I OD
51		602-030-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
_		602-010-00-6 203-444-5 106-93-4 chlorobenzene							
57		602-033-00-1 203-628-5 108-90-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X   200-854-6   75-25-2		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		602-060-00-9   203-623-8   108-86-1   1,2,3-trichloropropane		<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
H		602-062-00-X 202-486-1 96-18-4 2-chlorotoluene; [1] 3-chlorotoluene; [2]	+	3,119		J.19			
63		4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3]		Tilg/kg		Ting/Ng	70		1.200
-	-	246-698-2 [4] 25168-05-2 [4]	+					H	-
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8	_	<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
6-	0	tert-butylbenzene	$\top$	40.00 "		40.20 ··· ·· //	*0.0000000		4 00
65		202-632-4 98-06-6 1,2,4-trimethylbenzene		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		601-043-00-3 202-436-9 95-63-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene         205-227-0         135-98-8		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
	1				_			-	



#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.		peild Conc. No Used
68	0	4-isopropyltoluene 202-796-7 99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
70	0	n-butylbenzene 203-209-7   104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %	<lod< th=""></lod<>
71		<b>1,2-dichlorobenzene</b> ; o-dichlorobenzene 602-034-00-7   202-425-9   95-50-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
72		<b>1,2-dibromo-3-chloropropane</b> 602-021-00-6 202-479-3 96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %	<lod< th=""></lod<>
73		<b>1,2,4-trichlorobenzene</b> 602-087-00-6 204-428-0 120-82-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
74	0	hexachlorobutadiene 201-765-5 87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %	<lod< th=""></lod<>
		,		1		Total:	2.225 %	

K	ey

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

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Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
BH26[2] Chapter:
Sample Depth:
3.6 m Entry:

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

## **Hazard properties**

None identified

## **Determinands**

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

#	#	Determinand				User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor			MC /	Oseu
								Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code: BH26[3] Chapter: Sample Depth:

4.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 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  EU CLP index	CLP Note	User entered data	Con Fact		Compound conc.	Classification value	MC Applied	Conc. Not Used
1	æ	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		11.1 mg/kg	1.3	32	14.656 mg/kg	0.00147 %		
2	æ å	boron { diboron trioxide; boric oxide }		<1 mg/kg	3.2	22	<3.22 mg/kg	<0.000322 %		<lod< td=""></lod<>
		005-008-00-8 215-125-8 1303-86-2	-			4			H	
3	æ	cadmium { cadmium oxide }		1.36 mg/kg	1.14	42	1.554 mg/kg	0.000155 %		
	_	048-002-00-0 215-146-2 1306-19-0	-						+	
4	₫.	chromium in chromium(III) compounds {		24.2 mg/kg	1.46	62	35.37 mg/kg	0.00354 %		
		215-160-9 1308-38-9				_			╙	
5	æ <b>\$</b>	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.92	23	<1.154 mg/kg	<0.000115 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0				_			_	
6	æ	copper { dicopper oxide; copper (I) oxide }		17.3 mg/kg	1.12	26	19.478 mg/kg	0.00195 %		
	_	029-002-00-X 215-270-7  1317-39-1	-			-			+	
7	<b>€</b>	iron { iron (III) oxide }		28700 mg/kg	1.4	43	41033.677 mg/kg	4.103 %		
8	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	69.2 mg/kg			69.2 mg/kg	0.00692 %		
	-	mercury { mercury dichloride }				-			H	
9	w.	080-010-00-X 231-299-8 7487-94-7	-	<0.1 mg/kg	1.35	53	<0.135 mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfate }		20.2	2.66	27	74.255 ma/ka	0.00744.0/		
10	-	028-009-00-5 232-104-9 7786-81-4		28.2 mg/kg	2.63	37	74.355 mg/kg	0.00744 %		
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.40	05	<1.405 mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8								
12	4	vanadium { • divanadium pentaoxide; vanadium pentoxide }		40.2 mg/kg	1.78	85	71.764 mg/kg	0.00718 %		
		023-001-00-8 215-239-8 1314-62-1	1							
		zinc { zinc sulphate }								
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		189 mg/kg	2.46	69	466.697 mg/kg	0.0467 %		
14	0	pH PH		7.56 pH			7.56 pH	7.56 pH		

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_					_			1					
#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJZ-U	PJ4-2U-1									



Re	port	created	by
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#			eterminand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLF							MC	
41	Θ	bromochloromethane	-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlorome				<0.16	ma/ka		<0.16	ma/ka	<0.000016 %	П	<lod< th=""></lod<>
42		602-006-00-4 200-	-663-8	67-66-3		<0.16	mg/kg		<0.10	mg/kg	<0.000016 %	Ш	<lod< th=""></lod<>
43		1,1,1-trichloroethane; m				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
		602-013-00-2 200- 1,1-dichloropropene	-756-3	71-55-6								Н	
44			-253-3	563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride; te	trachlorometha	ine		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
ļ.,				56-23-5		10.2	9/9			9/9	10.00002 /0	Ш	
46		1,2-dichloroethane; eth	•	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		trichloroethylene; trichlo		107-00-2								Н	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; pr	ropylene dichlo	ride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-152-2	78-87-5								Н	
49		dibromomethane 602-003-00-8 200-	-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	0	bromodichloromethane		1 4 30 0		0.44	,,		0.44	//	0.000044.0/	Н	1.00
50		200-	-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1				-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
31				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
52	0	trans-1,3-dichloroprope				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
52		431-	-460-4	10061-02-6		<b>VO.2</b>	ilig/kg		<b>~0.2</b>	ilig/kg	<0.00002 /6	Ц	LOD
53		1,1,2-trichloroethane 602-014-00-8 201-	100.0	70.00.5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	0	1,3-dichloropropane	-166-9	79-00-5								Н	
54	9		-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane	)			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-704-0	124-48-1								Н	
56		1,2-dibromoethane 602-010-00-6 203-	-444-5	106-93-4	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
5,		602-033-00-1 203-	-628-5	108-90-7		ζ0.1			<b>VO.1</b>	ilig/kg	<0.00001 78	Ш	LOD
58	0	1,1,1,2-tetrachloroethar		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
				100-42-5								Н	
60		bromoform; tribromome 602-007-00-X 200-		75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene				-O 2	ma/ka		-0.2	ma/ka	<0.00002.9/	П	<lod< td=""></lod<>
01		602-060-00-9 203-	-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ц	<lud< td=""></lud<>
62		1,2,3-trichloropropane	400.4	00.40.4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202- 2-chlorotoluene; [1] 3-c		96-18-4 21								Н	
		4-chlorotoluene; [3] chlorotoluene		-,									
63		203- 203-	-580-5 [2] -397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-trimet				<0.16	mg/kg		<0.16	ma/ka	<0.000016 %	П	<lod< td=""></lod<>
L 04			-604-4	108-67-8		<b>CU.10</b>	mg/kg		<b>CU. 10</b>	mg/kg	0.000010 76	Ц	\LUD
65	0	tert-butylbenzene	622.4	00.06.6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenzene		98-06-6								Н	
66				95-63-6	$\  \cdot \ $	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		205-	-227-0	135-98-8			J9			J5			



#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer	1			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	4.184 %		

ł	(	e	١

User	sun	nlied	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 selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





# Unknown. Chemistry data not provided.

Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: BH27 Chapter:

Sample Depth: 5.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 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		Note	User entered data	Conv.	Compound conc.	Classification value		nc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC/	Useu
				•				Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code:
BH28 Chapter:
Sample Depth:
1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	_	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		4.23	mg/kg	1.32	5.585	mg/kg	0.000558 %		
2	4	boron { diboron tric	oxide; boric oxide }			<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
$\vdash$	1 -		215-125-8	1303-86-2	+							╙	
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0	_	0.22	mg/kg	1.142	0.251	mg/kg	0.0000251 %		
4	4	chromium in chrom	nium(III) compound e (worst case) }	s { <sup>®</sup>		2.22	mg/kg	1.462	3.245	mg/kg	0.000324 %		
	-		215-160-9	1308-38-9								$\vdash$	
5	4	chromium in chromoxide }	. , ,			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
	1 -	024-001-00-0	215-607-8	1333-82-0								+	
6	4	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	6.67	mg/kg	1.126	7.51	mg/kg	0.000751 %		
7	4	iron ( iron (III) o	•			19400	mg/kg	1.43	27737.05	mg/kg	2.774 %		
8	4	lead { • lead com	215-168-2 pounds with the ex- e in this Annex (wo		1	7.25	mg/kg		7.25	mg/kg	0.000725 %		
9	æ å		dichloride }			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.000135 %		<lod< td=""></lod<>
Ľ		080-010-00-X	231-299-8	7487-94-7		<b>VO.1</b>		1.000	<b>40.100</b>		<b>40.0000130</b> 70		LOD
10	4		-			23.3	mg/kg	2.637	61.435	mg/kg	0.00614 %		
	-	028-009-00-5	232-104-9	7786-81-4								$\perp$	
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
	-	034-002-00-8										_	
12	4	vanadium { • diva	nadium pentaoxide	; vanadium		9.31	mg/kg	1.785	16.62	mg/kg	0.00166 %		
		023-001-00-8	215-239-8	1314-62-1								$\perp$	
آء. ا	-	zinc { zinc sulphate					"						
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		82	mg/kg	2.469	202.482	mg/kg	0.0202 %		
14	0	рН		PН		8.51	рН		8.51	рН	8.51 pH		
L				PH		0.01	Pii		0.07	۲۰۰	5.01 pi i	$\perp$	$oxed{oxed}$



			Determinand		te			0			Oleveitiesties	lied	Cara Nat
#		EU CLP index	EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
15	4	number  cyanides { salts exception of completerricyanides and managements and managements are specified elsewhere.	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			-								
16	0	TPH (C6 to C40) p	etroleum group	TOU		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene	000 750 7	TPH		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
18		toluene	200-753-7	71-43-2		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
			203-625-9	108-88-3	+							Н	
19	Θ	ethylbenzene 601-023-00-4	002 940 4	100 41 4	-	<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
			202-849-4	100-41-4	+								
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X	/lpropane	4624 04 4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		naphthalene	216-653-1	1634-04-4	+								
22		<u> </u>	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	Θ	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracend	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthei 601-034-00-4	ne 205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34			200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	Θ	indeno[123-cd]pyre	ene 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		and 1,2-dichloroet 203-458-1, 200-863-5	hane (combined)		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>

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#		Determinand  EU CLP index	CLP Note	User entered data		onv.	Compound conc.	Classification value	2 Applied	Conc. Not Used
		number	ರ						MC	
41	0	bromochloromethane   200-826-3   74-97-5	4	<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
42		chloroform; trichloromethane		<0.008 mg/	<b>(</b> 0	1	-0.008 ma/ka	~0.0000008 %	t	<lod< td=""></lod<>
42		602-006-00-4 200-663-8 67-66-3		<0.008 mg/	kg		<0.008 mg/kg	<0.0000008 %	L	<lud< td=""></lud<>
43		1,1,1-trichloroethane; methyl chloroform         602-013-00-2       200-756-3       71-55-6		<0.007 mg/	kg		<0.007 mg/kg	<0.0000007 %		<lod< td=""></lod<>
44		<b>1,1-dichloropropene</b> 602-031-00-0 209-253-3 563-58-6	_	<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride 602-012-00-7   203-458-1   107-06-2		<0.005 mg/	kg		<0.005 mg/kg	<0.0000005 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene		<0.009 mg/	(0	1	<0.009 mg/kg	<0.0000009 %	t	<lod< td=""></lod<>
47		602-027-00-9   201-167-4   79-01-6   1,2-dichloropropane; propylene dichloride	1	<0.009 mg/	\g		<0.009 mg/kg	<0.000009 %		<lod< td=""></lod<>
48		602-020-00-0 201-152-2 78-87-5	1	<0.01 mg/	<g< td=""><td></td><td>&lt;0.01 mg/kg</td><td>&lt;0.000001 %</td><td>L</td><td><lod< td=""></lod<></td></g<>		<0.01 mg/kg	<0.000001 %	L	<lod< td=""></lod<>
49		dibromomethane         200-824-2         74-95-3		<0.009 mg/	kg		<0.009 mg/kg	<0.0000009 %		<lod< td=""></lod<>
50	0	bromodichloromethane 200-856-7 75-27-4	-	<0.007 mg/	kg		<0.007 mg/kg	<0.0000007 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5		<0.01 mg/	<g< td=""><td></td><td>&lt;0.01 mg/kg</td><td>&lt;0.000001 %</td><td></td><td><lod< td=""></lod<></td></g<>		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.01 mg/	<g< td=""><td></td><td>&lt;0.01 mg/kg</td><td>&lt;0.000001 %</td><td></td><td><lod< td=""></lod<></td></g<>		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8   201-166-9   79-00-5		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.007 mg/	(g		<0.007 mg/kg	<0.0000007 %		<lod< td=""></lod<>
55	0	205-531-3  142-28-9   dibromochloromethane		<0.01 mg/	kg .		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.01 mg/	κα	$\dashv$	<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
57		602-010-00-6 203-444-5 106-93-4 chlorobenzene		<0.005 mg/			<0.005 mg/kg	<0.0000005 %		<lod< td=""></lod<>
58		602-033-00-1 203-628-5 108-90-7 1,1,1,2-tetrachloroethane								
36		211-135-1 630-20-6		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %	L	<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5	-	<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9   203-623-8   108-86-1		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane		<0.016 mg/	kg		<0.016 mg/kg	<0.0000016 %		<lod< td=""></lod<>
		602-062-00-X 202-486-1 96-18-4  2-chlorotoluene; [1] 3-chlorotoluene; [2]				$\dashv$				
63		4-chlorotoluene; [3] chlorotoluene [4]  602-040-00-X		<0.01 mg/	<b>∢</b> g		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5   203-604-4   108-67-8		<0.008 mg/	kg		<0.008 mg/kg	<0.0000008 %		<lod< td=""></lod<>
65	0	tert-butylbenzene		<0.014 mg/	<g< td=""><td></td><td>&lt;0.014 mg/kg</td><td>&lt;0.0000014 %</td><td></td><td><lod< td=""></lod<></td></g<>		<0.014 mg/kg	<0.0000014 %		<lod< td=""></lod<>
66		202-632-4 98-06-6 1,2,4-trimethylbenzene		<0.009 mg/	κα		<0.009 mg/kg	<0.0000009 %		<lod< td=""></lod<>
	1	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene								
67	0	205-227-0  135-98-8		<0.01 mg/	kg		<0.01 mg/kg	<0.000001 %		<lod< td=""></lod<>



Report created by	on 06 Jun 2023

#			terminand C Number	CAS Number	CLP Note	User entered da	ta	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	9	4-isopropyltoluene	796-7	99-87-6		<0.01 mg	/kg		<0.01	mg/kg	<0.000001 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7 n-butylbenzene				<0.005 mg	/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
70	0	n-butylbenzene    203-209-7				<0.011 mg	/kg		<0.011	mg/kg	<0.0000011 %		<lod< th=""></lod<>
71		1,2-dichlorobenzene; o-d 602-034-00-7 202-4		ene 95-50-1		<0.01 mg	/kg		<0.01	mg/kg	<0.000001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chloroprop 602-021-00-6 202-4		96-12-8		<0.014 mg	/kg		<0.014	mg/kg	<0.0000014 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenzene 602-087-00-6 204-4	28-0	120-82-1		<0.02 mg	/kg		<0.02	mg/kg	<0.000002 %		<lod< th=""></lod<>
74	9	hexachlorobutadiene   201-765-5   87-68-3				<0.02 mg	/kg		<0.02	mg/kg	<0.000002 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg	/kg		<0.02	mg/kg	<0.000002 %		<lod< th=""></lod<>
										Total:	2.808 %		

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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

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

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

## Sample details

Sample name: LoW Code:

BH28[2] Chapter:
Sample Depth:

6.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		14.5	mg/kg	1.32	19.145	mg/kg	0.00191 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ\$	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.65	mg/kg	1.142	1.885	mg/kg	0.000188 %		
4	4	chromium in chrom		ls { • 1308-38-9		10.5	mg/kg	1.462	15.346	mg/kg	0.00153 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		14.4	mg/kg	1.126	16.213	mg/kg	0.00162 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		22700	mg/kg	1.43	32455.208	mg/kg	3.246 %		
8	4	lead {			1	42.4	mg/kg		42.4	mg/kg	0.00424 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		24.8	mg/kg	2.637	65.39	mg/kg	0.00654 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		24.8	mg/kg	1.785	44.273	mg/kg	0.00443 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		189	mg/kg	2.469	466.697	mg/kg	0.0467 %		
14	0	pН		РН		7.03	рН		7.03	рН	7.03 pH		



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#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	œ.	number	£ []										
15	Ū	cyanides { salts of exception of complex ferricyanides and me specified elsewhere 006-007-00-5	x cyanides such a ercuric oxycyanide	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) pet	troleum group	<u>l</u>		<35	malka		<35	ma/ka	<0.0035 %		<lod< td=""></lod<>
10				TPH		<b>433</b>	mg/kg			mg/kg	<0.0033 / <sub>0</sub>		
17		benzene 601-020-00-8	00-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			03-625-9	108-88-3	1	10111					10.00001170		<del></del>
19	0	ethylbenzene 601-023-00-4	02-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	02 010 1	100 11 1									
20		601-022-00-9 20 20 20	02-422-2 [1] 03-396-5 [2] 03-576-3 [3] 15-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ethe 2-methoxy-2-methylp 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			02-049-5	91-20-3	-								<u> </u>
23	0	acenaphthylene 2	05-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene 2	01-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		phenanthrene	01-695-5	86-73-7									
26	Ü	<u>'</u>	01-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene 2	04-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	Θ	fluoranthene	05-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	8	pyrene	00 012 1			<0.015	ma/ka		<0.015	ma/ka	<0.000015 %		<lod< td=""></lod<>
29			04-927-3	129-00-0		Q0.013	mg/kg		<u> </u>	mg/kg	<0.0000013 <i>/</i> 8		<u> </u>
30		benzo[a]anthracene	00-280-6	56-55-3	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	05-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
20		benzo[b]fluoranthene		210-01-9		0.045			0.045		0.0000045.0/		1.00
32		601-034-00-4	05-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthene 601-036-00-5 2		207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; ben 601-032-00-3		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyren		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracer	ne			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
H			00-181-8	53-70-3	+								
37	0	benzo[ghi]perylene	05-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
H	_		03-632-7	108-95-2	-								
39	0		03-458-1, 00-863-5	hane (combined) 107-06-2, 75-34-3	1	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropane		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>

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#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
41	0	number bromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	2	<lod< td=""></lod<>
Ľ		200-826-3 74-97-5		10.29/1.9			10.00002 //		
42		chloroform; trichloromethane		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
		602-006-00-4 200-663-8 67-66-3							
43		1,1,1-trichloroethane; methyl chloroform       602-013-00-2     200-756-3     71-55-6	_	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride 602-012-00-7   203-458-1   107-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5	$\dagger$	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8   200-824-2   74-95-3	+	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane   200-856-7   75-27-4	$\perp$	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5   208-826-5 [1]   542-75-6 [1]   233-195-8 [2]   10061-01-5 [2]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		602-010-00-6 203-444-5 106-93-4 chlorobenzene		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	602-033-00-1 203-628-5   108-90-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		211-135-1 630-20-6 styrene	-	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0 202-851-5 100-42-5 bromoform; tribromomethane							
60		602-007-00-X 200-854-6 75-25-2 bromobenzene	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		602-060-00-9 203-623-8 108-86-1	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	1	<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<u> </u>	-	246-698-2 [4] 25168-05-2 [4]	+						
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5   203-604-4   108-67-8	_	<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
$\vdash$	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	+						
65		202-632-4 98-06-6	$\dashv$	<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene 601-043-00-3	1	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene   205-227-0   135-98-8	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		K00-221-0 130-90-0							



#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
		number			ਹ							Σ	
68	0	4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
			202-796-7	99-87-6		<0.Z	mg/kg		<b>\0.2</b>	mg/kg	<0.00002 /0		/ 60
69		1,4-dichlorobenzer	ne; p-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
03		602-035-00-2	203-400-5	106-46-7		ζ0.1	mg/kg		<b>\0.1</b>	mg/kg	<0.00001 78		\LOD
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
			203-209-7	104-51-8		10.22	mg/ng		70.22		10.000022 70		1202
71		1,2-dichlorobenzer	ne; o-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-034-00-7	202-425-9	95-50-1									
72		1,2-dibromo-3-chlo	ropropane			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
Ŀ		602-021-00-6	202-479-3	96-12-8		10.20			10.20		10.000020 /0		
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
'		602-087-00-6	204-428-0	120-82-1		<b>VO.1</b>	mg/kg		<b>VO. 1</b>	mg/kg	Q0.00001 70		\LOD
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
' -			201-765-5 87-68-3			<b>VO.1</b>	mg/kg		<b>VO. 1</b>	mg/kg	Q0.00001 70		\LOD
75	0	1,2,3-trichlorobenzene				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
'3		201-757-1 87-61-6				V0.4	mg/kg		<b>\0.4</b>	mg/kg	C0.00004 /8		\LOD
										Total:	3.318 %		

I	10	ъy	

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
BH29 Chapter:
Sample Depth:
8.5 m Entry:

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

## **Hazard properties**

None identified

## **Determinands**

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

#	:		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC,	Oseu
		•						Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code: BH30 Chapter: Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		1.61	mg/kg	1.32	2.126	mg/kg	0.000213 %		
2	e#		oxide; boric oxide }			<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	e#			1306-19-0		0.398	mg/kg	1.142	0.455	mg/kg	0.0000455 %		
4	<b>4</b>	chromium in chrom	nium(III) compound	ds {		1.9	mg/kg	1.462	2.777	mg/kg	0.000278 %		
5	<b>4</b>	chromium in chromoxide }	J	1		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	e#	copper { dicopper of the dicop	oxide; copper (I) ox	kide }		2.58	mg/kg	1.126	2.905	mg/kg	0.00029 %	Ī	
7	<b>4</b>	iron { • iron (III) o	xide } 215-168-2	1309-37-1		3620	mg/kg	1.43	5175.676	mg/kg	0.518 %		
8	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6			1	6.28	mg/kg		6.28	mg/kg	0.000628 %		
9	e C	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { nickel sulfa	te } 232-104-9	7786-81-4		2.55	mg/kg	2.637	6.724	mg/kg	0.000672 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium { • divapentoxide }		,		3.24	mg/kg	1.785	5.784	mg/kg	0.000578 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		35.4	mg/kg	2.469	87.413	mg/kg	0.00874 %		
14	9	pH		PH		9.3	рН		9.3	рН	9.3 pH		

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e	Determinand  EU CLP index number			No	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
e		EC Number	CAS Number	CLP Note			ractor			value	MC/	Osed
15 fe		ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
-	TPH (C6 to C40) pe	etroleum group	1		54.4	mg/kg		54.4	mg/kg	0.00544 %		
			TPH		54.4			34.4	mg/kg	0.00344 /6		
1/  _	benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18  _	toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19  _	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		202-849-4	100-41-4	$\vdash$							H	
		202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21 2	tert-butyl methyl eth 2-methoxy-2-methy	Ipropane	4004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
n	naphthalene	216-653-1	1634-04-4	$\vdash$								
22	·	202-049-5	91-20-3		<0.045	mg/kg		<0.045	mg/kg	<0.0000045 %		<lod< td=""></lod<>
23 a	acenaphthylene	205-917-1	208-96-8		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<lod< td=""></lod<>
24 a	acenaphthene	201-469-6	83-32-9		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<lod< td=""></lod<>
25 a fl	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26 p	phenanthrene	201-581-5	85-01-8		<0.075	mg/kg		<0.075	mg/kg	<0.0000075 %		<lod< td=""></lod<>
27 a	anthracene	204-371-1	120-12-7		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
28 a fl	fluoranthene	205-912-4	206-44-0		<0.085	mg/kg		<0.085	mg/kg	<0.0000085 %		<lod< td=""></lod<>
29 ° P	pyrene				<0.075	mg/kg		<0.075	mg/kg	<0.0000075 %		<lod< td=""></lod<>
h	benzo[a]anthracene	204-927-3	129-00-0	-							H	
130   _		200-280-6	56-55-3		<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<lod< td=""></lod<>
131 _	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
1321	benzo[b]fluoranther	ne			<0.075	mg/kg		<0.075	mg/kg	<0.0000075 %		<lod< td=""></lod<>
60		205-911-9	205-99-2		,,,,,				J g			
1331	benzo[k]fluoranther	ne 205-916-6	207-08-9	-	<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<lod< td=""></lod<>
134	benzo[a]pyrene; be	nzo[def]chrysene 200-028-5	50-32-8		<0.075	mg/kg		<0.075	mg/kg	<0.0000075 %		<lod< td=""></lod<>
$\rightarrow$	indeno[123-cd]pyre		193-39-5		<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<lod< td=""></lod<>
36	dibenz[a,h]anthrace		53-70-3		<0.115	mg/kg		<0.115	mg/kg	<0.0000115 %		<lod< td=""></lod<>
-	benzo[ghi]perylene				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<lod< td=""></lod<>
138	phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
<del>                                     </del>	04-001-00-2 1,1-dichloroethane	203-632-7 and 1 2-dichloroet	108-95-2	$\vdash$							Н	
39		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40 2	2,2-dichloropropane		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>



Re	port	creat	ted	by
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#			eterminand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLF							MC	
41	Θ	bromochloromethane	-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlorome				<0.16	ma/ka		<0.16	ma/ka	<0.000016 %	П	<lod< th=""></lod<>
42		602-006-00-4 200-	-663-8	67-66-3		<0.16	mg/kg		<0.10	mg/kg	<0.000016 %	Ш	<lod< th=""></lod<>
43		1,1,1-trichloroethane; m				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
		602-013-00-2 200- 1,1-dichloropropene	-756-3	71-55-6								Н	
44			-253-3	563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride; te	trachlorometha	ine		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
ļ.,				56-23-5		10.2	9/9			9/9	10.00002 /0	Ш	
46		1,2-dichloroethane; eth	•	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		trichloroethylene; trichlo		107-00-2								Н	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; pr	ropylene dichlo	ride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-152-2	78-87-5								Н	
49		dibromomethane 602-003-00-8 200-	-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	0	bromodichloromethane		1 4 30 0		0.44	,,		0.44	//	0.000044.0/	Н	1.00
50		200-	-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1				-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
31				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
52	0	trans-1,3-dichloroprope				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
52		431-	-460-4	10061-02-6		<b>VO.2</b>	ilig/kg		<b>~0.2</b>	ilig/kg	<0.00002 /6	Ш	LOD
53		1,1,2-trichloroethane 602-014-00-8 201-	100.0	70.00.5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	0	1,3-dichloropropane	-166-9	79-00-5								Н	
54	9		-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane	)			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-704-0	124-48-1								Н	
56		1,2-dibromoethane 602-010-00-6 203-	-444-5	106-93-4	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
5,		602-033-00-1 203-	-628-5	108-90-7		ζ0.1			<b>VO.1</b>	ilig/kg	<0.00001 78	Ш	LOD
58	0	1,1,1,2-tetrachloroethar		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
				100-42-5								Н	
60		bromoform; tribromome 602-007-00-X 200-		75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene				-O 2	ma/ka		-0.2	ma/ka	<0.00002.9/	П	<lod< td=""></lod<>
01		602-060-00-9 203-	-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ц	<lud< td=""></lud<>
62		1,2,3-trichloropropane	400.4	00.40.4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202- 2-chlorotoluene; [1] 3-c		96-18-4 21								Н	
		4-chlorotoluene; [3] chlorotoluene		-,									
63		203- 203-	-580-5 [2] -397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-trimet				<0.16	mg/kg		<0.16	ma/ka	<0.000016 %	П	<lod< td=""></lod<>
L 04			-604-4	108-67-8		<b>CU.10</b>	mg/kg		<b>CU. 10</b>	mg/kg	0.000010 76	Ц	\LUD
65	0	tert-butylbenzene	622.4	00.06.6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenzene		98-06-6								Н	
66				95-63-6	$\  \cdot \ $	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		205-	-227-0	135-98-8			J9			J5			



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered da	ta	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1 mg	J/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70		n-butylbenzene	203-209-7	104-51-8		<0.22 mg	J/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28 mg	J/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
74	0	hexachlorobutadien				<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4 mg	J/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	0.536 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
4	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

<u>HP 3(i): Flammable</u> "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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00544%)



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

## Sample details

Sample name: LoW Code: BH30[2] Chapter: Sample Depth:

Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		29.6	mg/kg	1.32	39.082	mg/kg	0.00391 %		
2	æ\$	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.159	mg/kg	1.142	0.182	mg/kg	0.0000182 %		
4	4	chromium in chrom		ls { • 1308-38-9		<0.9	mg/kg	1.462	<1.315	mg/kg	<0.000132 %		<lod< td=""></lod<>
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X			+	3.84	mg/kg	1.126	4.323	mg/kg	0.000432 %	Ī	
7	4	iron { • iron (III) o	<mark>xide</mark> } 215-168-2	1309-37-1		7470	mg/kg	1.43	10680.194	mg/kg	1.068 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the ex	ception of those	1	41.3	mg/kg		41.3	mg/kg	0.00413 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		3.93	mg/kg	2.637	10.362	mg/kg	0.00104 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • diva pentoxide }				4.59	mg/kg	1.785	8.194	mg/kg	0.000819 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		40.1	mg/kg	2.469	99.019	mg/kg	0.0099 %		
14	0	pH		PH		9.05	рН		9.05	рН	9.05 pH		

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				-	Т								
#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	S Applied	Conc. Not Used
		number	LC Number	CAS Number	Z							MC	
15	₽	cyanides { salts of exception of complete ferricyanides and management of specified elsewhere the control of th	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	$\vdash$	TPH (C6 to C40) pe	atroloum aroun		+								
16	0	1711 (C0 t0 C40) pe	etroleum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
		benzene											
17			200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
19		601-023-00-4	202-849-4	100-41-4		<0.08	Ilig/kg		<0.00	ilig/kg	<0.000000 /8		\LOD
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	$\vdash$	naphthalene	210-033-1	1034-04-4	1							Н	
22		-1	202-049-5	91-20-3	1	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	204 460 6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
	H	fluorene	201-469-6	03-32-9	+							Н	
25	0		201-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene	e 200-280-6	56-55-3	_	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranther		205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther		207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	-	indeno[123-cd]pyre		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroet 203-458-1,	1	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropane	200-863-5 e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			ZUJ-UJZ-U	D34-20-1									



Re	port	created	by
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#			eterminand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLF							MC	
41	Θ	bromochloromethane	-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlorome				<0.16	ma/ka		<0.16	ma/ka	<0.000016 %	П	<lod< th=""></lod<>
42		602-006-00-4 200-	-663-8	67-66-3		<0.16	mg/kg		<0.10	mg/kg	<0.000016 %	Ш	<lod< th=""></lod<>
43		1,1,1-trichloroethane; m				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
		602-013-00-2 200- 1,1-dichloropropene	-756-3	71-55-6								Н	
44			-253-3	563-58-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride; te	trachlorometha	ine		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
ļ.,				56-23-5		10.2	9/9			9/9	10.00002 /0	Ш	
46		1,2-dichloroethane; eth	•	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		trichloroethylene; trichlo		107-00-2								Н	
47				79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; pr	ropylene dichlo	ride		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-152-2	78-87-5								Н	
49		dibromomethane 602-003-00-8 200-	-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	0	bromodichloromethane		1 4 30 0		0.44	,,		0.44	//	0.000044.0/	Н	1.00
50		200-	-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1				-0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
31				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
52	0	trans-1,3-dichloroprope				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	П	<lod< td=""></lod<>
52		431-	-460-4	10061-02-6		<b>VO.2</b>	ilig/kg		<b>~0.2</b>	ilig/kg	<0.00002 /6	Ш	LOD
53		1,1,2-trichloroethane 602-014-00-8 201-	100.0	70.00.5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	0	1,3-dichloropropane	-166-9	79-00-5								Н	
54	9		-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane	)			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			-704-0	124-48-1								Н	
56		1,2-dibromoethane 602-010-00-6 203-	-444-5	106-93-4	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
5,		602-033-00-1 203-	-628-5	108-90-7		ζ0.1			<b>VO.1</b>	ilig/kg	<0.00001 78	Ш	LOD
58	0	1,1,1,2-tetrachloroethar		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
				100-42-5								Н	
60		bromoform; tribromome 602-007-00-X 200-		75-25-2	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene				-O 2	ma/ka		-0.2	ma/ka	<0.00002.9/	П	<lod< td=""></lod<>
01		602-060-00-9 203-	-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	Ц	<lud< td=""></lud<>
62		1,2,3-trichloropropane	400.4	00.40.4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202- 2-chlorotoluene; [1] 3-c		96-18-4 21								Н	
		4-chlorotoluene; [3] chlorotoluene		-,									
63		203- 203-	-580-5 [2] -397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-trimet				<0.16	mg/kg		<0.16	ma/ka	<0.000016 %	П	<lod< td=""></lod<>
L 04			-604-4	108-67-8		<b>CU.10</b>	mg/kg		<b>CU. 10</b>	mg/kg	0.000010 76	Ц	\LUD
65	0	tert-butylbenzene	622.4	00.06.6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		1,2,4-trimethylbenzene		98-06-6								Н	
66				95-63-6	$\  \cdot \ $	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
L		205-	-227-0	135-98-8			J9			J5			



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7  104-51-8				mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71			2-dichlorobenzene; o-dichlorobenzene				mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadier				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	4001111				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
									Total:	1.093 %			

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **₫** <LOD Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



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

## Sample details

Sample name: LoW Code: BH30[3] Chapter: Sample Depth:

10.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		4.65	mg/kg	1.32	6.14	mg/kg	0.000614 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.36	mg/kg	1.142	0.411	mg/kg	0.0000411 %		
4	₫.	chromium in chrom		ls { • 1308-38-9		2.48	mg/kg	1.462	3.625	mg/kg	0.000362 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	(ide )		3.98	mg/kg	1.126	4.481	mg/kg	0.000448 %		
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		13300	mg/kg	1.43	19015.606	mg/kg	1.902 %		
8	æ	lead { lead compospecified elsewher			1	9.63	mg/kg		9.63	mg/kg	0.000963 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		9.26	mg/kg	2.637	24.416	mg/kg	0.00244 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				10	mg/kg	1.785	17.852	mg/kg	0.00179 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		45.3	mg/kg	2.469	111.859	mg/kg	0.0112 %		
14	0	pH		PH		8.51	рН		8.51	рН	8.51 pH		

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#		511.01.01	Determinand		CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫,	cyanides { salts exception of compl ferricyanides and n specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
<u> </u>	0	TPH (C6 to C40) p	etroleum aroup									Н	
16		(66 to 6 to) p	g.oup	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			203-625-9	108-88-3	+				<u> </u>			H	
19	Θ	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	1	1									
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene		1		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	П	<lod< td=""></lod<>
			202-049-5	91-20-3	$\vdash$							Н	
23	0	acenaphthylene	205-917-1	208-96-8	1	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene				0.009	mg/kg		0.009	mg/kg	0.000000905 %		
			201-469-6	83-32-9								Н	
25	0	fluorene	201-695-5	86-73-7	-	0.0117	mg/kg		0.0117	mg/kg	0.00000117 %		
26	0	phenanthrene	201-581-5	85-01-8		0.056	mg/kg		0.056	mg/kg	0.0000056 %		
27	0	anthracene	204-371-1	120-12-7		0.0222	mg/kg		0.0222	mg/kg	0.00000222 %		
28	0	fluoranthene	205-912-4	206-44-0		0.173	mg/kg		0.173	mg/kg	0.0000173 %		
	9	pyrene	203-912-4	200-44-0								$\vdash$	
29			204-927-3	129-00-0	1	0.146	mg/kg		0.146	mg/kg	0.0000146 %		
30		benzo[a]anthracen	e			0.0815	ma/ka		0.0815	ma/ka	0.00000815 %		
			200-280-6	56-55-3	-							Н	
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0792	mg/kg		0.0792	mg/kg	0.00000792 %		
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	0.128	mg/kg		0.128	mg/kg	0.0000128 %		
33		benzo[k]fluoranthei	ne	1		0.0471	mg/kg		0.0471	mg/kg	0.00000471 %	П	
		601-036-00-5 benzo[a]pyrene; be	205-916-6 enzoldeflehrysene	207-08-9	}							$\dashv$	
34			200-028-5	50-32-8	-	0.0952	mg/kg		0.0952	mg/kg	0.00000952 %		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.0773	mg/kg		0.0773	mg/kg	0.00000773 %		
36		dibenz[a,h]anthrace	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %	П	<lod< td=""></lod<>
			200-181-8	53-70-3	1							Щ	
37	0	benzo[ghi]perylene		101 24 2	-	0.0689	mg/kg		0.0689	mg/kg	0.00000689 %		
20		phenol	205-883-8	191-24-2	+	-0.04	malle		-0.01	malle	<0.000004.0/	H	~I OD
38		604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	Ш	<lod< td=""></lod<>
39	0		203-458-1,	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	200-863-5 e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			KU3-03Z-U	D34-ZU-1								ш	



#		Determinand	CLP Note	User entered	data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number EC Number CAS Number	CLP			actor		value	MC	Osed
41	Θ	bromochloromethane 200-826-3 74-97-5		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3		<0.16 r	ng/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3   71-55-6		<0.14 r	ng/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		602-008-00-5 200-262-8 56-23-5 1,2-dichloroethane; ethylene dichloride		<0.1 r	ng/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		602-012-00-7 203-458-1 107-06-2 trichloroethylene; trichloroethene		<0.18 r	ng/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			ng/kg		<0.2 mg/kg	<0.00002 %	H	<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			ng/kg		<0.18 mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane	-					<0.000014 %	H	<lod< td=""></lod<>
30		200-856-7	-	<0.14 r	ng/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9		<0.14 r	ng/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0 124-48-1		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6 203-444-5 106-93-4		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1   203-628-5   108-90-7		<0.1 r	ng/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane 211-135-1 630-20-6	+	<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene   202-851-5   100-42-5		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene		<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane	+	<0.32 r	ng/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X 202-486-1 96-18-4  2-chlorotoluene; [1] 3-chlorotoluene; [2]  4-chlorotoluene; [3] chlorotoluene [4]	+							
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]		<0.2 r	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8		<0.16 r	ng/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene		<0.28 r	ng/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene	+	<0.18 r	ng/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene	+	<0.2 r	ng/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8	$\perp$		Ĭ					

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#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered data		Conv. actor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	number 4-isopropyltoluene	hoo 700 7	00.07.0		<0.2 mg/k	3		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen				<0.1 mg/kg	3		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-400-5	106-46-7		<0.22 mg/kg	3		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen		1.0.0		<0.1 mg/kg	9		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo		96-12-8		<0.28 mg/kg	9		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz		120-82-1		<0.1 mg/k	3		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadier		87-68-3		<0.1 mg/k	3		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz		87-61-6		<0.4 mg/k	3		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
76	0	polychlorobiphenyl		1336-36-3		<0.036 mg/k	3		<0.036	mg/kg	<0.0000036 %		<lod< td=""></lod<>
		002 003-00-4	F 10 070-1	1000-00-0						Total:	1.925 %		

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



Classification of sample: BH30[4]

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

## Sample details

Sample name: LoW Code: BH30[4] Sample Depth: Chapter:

Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		5.18	mg/kg	1.32	6.839	mg/kg	0.000684 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.408	mg/kg	1.142	0.466	mg/kg	0.0000466 %		
4	4	chromium in chrom		ls { • 1308-38-9		2.21	mg/kg	1.462	3.23	mg/kg	0.000323 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	(ide )	-	4.59	mg/kg	1.126	5.168	mg/kg	0.000517 %		
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		14100	mg/kg	1.43	20159.402	mg/kg	2.016 %		
8	æ	lead { lead compospecified elsewher			1	8.1	mg/kg		8.1	mg/kg	0.00081 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		9.51	mg/kg	2.637	25.075	mg/kg	0.00251 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				11.1	mg/kg	1.785	19.816	mg/kg	0.00198 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		41.4	mg/kg	2.469	102.229	mg/kg	0.0102 %		
14	0	pH		PH		8.43	рН		8.43	рН	8.43 pH		

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#		511.01.01	Determinand		CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	딩							MC	
15	₫,	cyanides { salts exception of compl ferricyanides and n specified elsewhere	ex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	0	TPH (C6 to C40) p	etroleum group						0.5				
16		, , , , ,	]	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene		1.00 00 0		<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	1	10.00			10.00		10.000000 /0		
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	205-917-1	208-96-8		<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<lod< td=""></lod<>
			201-469-6	83-32-9	-								
25	0	fluorene	201-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	9	fluoranthene	205-912-4	206-44-0		0.0316	mg/kg		0.0316	mg/kg	0.00000316 %		
29	0	pyrene	204-927-3	129-00-0		0.0312	mg/kg		0.0312	mg/kg	0.00000312 %		
30		benzo[a]anthracen	1	120 00 0		0.0178	ma/ka		0.0178	ma/ka	0.00000178 %		
_		601-033-00-9 chrysene	200-280-6	56-55-3	1				0.0170		0.00000110 /0		
31		601-048-00-0	205-923-4	218-01-9		0.0159	mg/kg		0.0159	mg/kg	0.00000159 %		
32		benzo[b]fluoranthe 601-034-00-4	ne 205-911-9	205-99-2		0.0315	mg/kg		0.0315	mg/kg	0.00000315 %		
33		benzo[k]fluoranthe	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	1	50-32-8		0.023	mg/kg		0.023	mg/kg	0.0000023 %		
35	0	indeno[123-cd]pyre	ene			0.0237	mg/kg		0.0237	mg/kg	0.00000237 %		
36		dibenz[a,h]anthrac		193-39-5		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %	H	<lod< td=""></lod<>
L			200-181-8	53-70-3	1		Jg						
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1,		3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan			-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			209-832-0	594-20-7									



#   Determinand	<pre>value &lt;0.00002 % &lt;0.000016 % &lt;0.000014 % &lt;0.00002 % &lt;0.00002 % &lt;0.00001 %</pre>	MC Applied	<lod <lod="" <lod<="" th=""></lod>
1	<0.000016 %  <0.000014 %  <0.00002 %  <0.00002 %		<lod< td=""></lod<>
42         chloroform; trichloromethane 602-006-00-4         200-663-8         67-66-3         <0.16	<0.000014 % <0.00002 % <0.00002 %		<lod< td=""></lod<>
42	<0.000014 % <0.00002 % <0.00002 %		<lod< td=""></lod<>
1,1,1-trichloroethane; methyl chloroform   <0.14 mg/kg   <0.14 mg/kg	<0.00002 % <0.00002 %		
602-013-00-2   200-756-3   71-55-6	<0.00002 % <0.00002 %		
44	<0.00002 %		<lod< td=""></lod<>
45			
46 602-012-00-7 203-458-1 107-06-2 <	<0.00001 %		<lod< td=""></lod<>
trichloroethylene: trichloroethene			<lod< td=""></lod<>
47 Unchloroethylerie, unchloroetherie			-
47   47   602-027-00-9   201-167-4   79-01-6   <0.18 mg/kg   <0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48 1,2-dichloropropane; propylene dichloride <0.2 mg/kg <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
602-020-00-0 201-152-2 78-87-5			-
49     dibromomethane	<0.000018 %		<lod< td=""></lod<>
bromodichloromethane <0.14 mg/kg <0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
200-856-7 75-27-4			-
1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2] <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52 trans-1,3-dichloropropene <a href="https://www.edu.new.edu.&lt;/td&gt;&lt;td&gt;&lt;0.00002 %&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;431-460-4 10061-02-6&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;math&gt;\vdash&lt;/math&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;53 1,1,2-utchiordeditable 40.2 mg/kg 602-014-00-8 201-166-9 79-00-5 40.2 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.00002 %&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;54 a 1,3-dichloropropane&lt;/td&gt;&lt;td&gt;&lt;0.000014 %&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;55 dibromochloromethane &lt;a href=" https:="" www.commochloromethane"="">dibromochloromethane</a> <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
204-704-0   124-48-1	10.00002 70		
1,2-dibromoethane   1,2-dibromoethane   02-010-00-6   203-444-5   106-93-4     <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57 chlorobenzene <0.1 mg/kg <0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
602-033-00-1 203-628-5 108-90-7			
58 1,1,1,2-tetrachloroethane	<0.00002 %		<lod< td=""></lod<>
59 styrene c01-026-00-0 202-851-5 100-42-5 c0.2 mg/kg c0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60 bromoform; tribromomethane <0.2 mg/kg <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
602-007-00-X 200-854-6 75-25-2 co.2 mg/kg <0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61   <0.2 mg/kg   <0.2 mg/kg   <0.2 mg/kg	CO.00002 76		LOD
62 1,2,3-trichloropropane c02-062-00-X 202-486-1 96-18-4 c0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
2-chlorotoluene; [1] 3-chlorotoluene; [2]			
4-chlorotoluene; [3] chlorotoluene [4] 63	<0.00002 %		<lod< td=""></lod<>
203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3]	<0.00002 /6		LOD
246-698-2 [4] 25168-05-2 [4]		$\vdash$	-
64	<0.000016 %		<lod< td=""></lod<>
a tert-butylbenzene			
65 202-632-4 98-06-6			

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#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	9	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
76	Θ	polychlorobiphenyl	s; PCB 215-648-1	1336-36-3		<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< td=""></lod<>
										Total:	2.038 %		

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

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## Classification of sample: BH31



# Unknown. Chemistry data not provided.

Classified as **17 05 04** or **17 05 03** \* in the List of Waste

## Sample details

Sample name: LoW Code: BH31 Chapter:

Sample Depth:

11.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

<b>#</b>		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used	
	EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC/	Useu	
		•					Total:	0%			l

Key

User supplied data

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Classification of sample: BH32

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

## Sample details

Sample name: LoW Code:

BH32 Chapter:
Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		<0.6	mg/kg	1.32	<0.792	mg/kg	<0.0000792 %		<lod< th=""></lod<>
2	4		1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	<u> </u>	cadmium { cadmiu	1	1000 00 2	t	0.267		1 1 1 2	0.205	m = // = =	0.0000305 %		
٥	_	048-002-00-0	215-146-2	1306-19-0		0.267	mg/kg	1.142	0.305	mg/kg	0.0000305 %		
4	4	chromium in chrom	,			1.2	mg/kg	1.462	1.754	mg/kg	0.000175 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	024-001-00-0 copper { dicopper 0 029-002-00-X	215-607-8 oxide; copper (I) ox 215-270-7	1333-82-0 ide } 1317-39-1		3.57	mg/kg	1.126	4.019	mg/kg	0.000402 %		
7	«\$	iron ( iron (III) ox		1309-37-1		2000	mg/kg	1.43	2859.49	mg/kg	0.286 %		
8	4		pounds with the ex	ception of those	1	2.27	mg/kg		2.27	mg/kg	0.000227 %		
9	æ å		dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	æ\$		1	7786-81-4		1.12	mg/kg	2.637	2.953	mg/kg	0.000295 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium { divapentoxide }	nadium pentaoxide	; vanadium		2.22	mg/kg	1.785	3.963	mg/kg	0.000396 %		
		023-001-00-8	215-239-8	1314-62-1									
13		zinc { zinc sulphate 030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		34.2	mg/kg	2.469	84.45	mg/kg	0.00844 %		
14	0	рН		PH		9.83	рН		9.83	рН	9.83 pH		



			Determinand		ote			Conv			Classification	Applied	Conc. Not
#		EU CLP index number	EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	value	MC App	Used
15	4	cyanides { salts exception of completerricyanides and managements	ex cyanides such a nercuric oxycyanide	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_	006-007-00-5 TPH (C6 to C40) p	etroleum group									Н	
16	0	11 11 (CO to C+0) p	enoieum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		<b>\\0.00</b>					<0.000000 76	Ш	LOD
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	/lpropane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\vdash$	_	603-181-00-X naphthalene	216-653-1	1634-04-4								Н	
22		<u>'</u>	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %	П	<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
	0	anthracene	201-581-5	85-01-8								Н	
27			204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	Θ	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
L			200-280-6	56-55-3					.3.0.7				
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranther	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther	ne			<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9	$\vdash$	<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
35	Θ	601-032-00-3 indeno[123-cd]pyre		50-32-8	<u> </u>	<0.018					<0.0000018 %	H	<lod< td=""></lod<>
		dibenz[a,h]anthrace	205-893-2	193-39-5	-		mg/kg		<0.018	mg/kg		H	
36		601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %	Ц	<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroet 203-458-1,			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			209-832-0	594-20-7			J g			J. J			

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_	_								
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
41	0	number bromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %	2	<lod< td=""></lod<>
Ľ		200-826-3 74-97-5		10.29,1.9		101 <u>2</u> g/ng	10.00002 //		
42		chloroform; trichloromethane		<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
		602-006-00-4 200-663-8 67-66-3							
43		1,1,1-trichloroethane; methyl chloroform       602-013-00-2     200-756-3     71-55-6	_	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride 602-012-00-7   203-458-1   107-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5	$\dagger$	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8   200-824-2   74-95-3	+	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane   200-856-7   75-27-4	$\perp$	<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5   208-826-5 [1]   542-75-6 [1]   233-195-8 [2]   10061-01-5 [2]		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		204-704-0   124-48-1   1,2-dibromoethane		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		602-010-00-6 203-444-5 106-93-4 chlorobenzene		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	602-033-00-1 203-628-5   108-90-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		211-135-1 630-20-6 styrene	-	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0 202-851-5 100-42-5 bromoform; tribromomethane							
60		602-007-00-X 200-854-6 75-25-2 bromobenzene	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		602-060-00-9 203-623-8 108-86-1	_	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	1	<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<u> </u>	-	246-698-2 [4] 25168-05-2 [4]	+						
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5   203-604-4   108-67-8	_	<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
$\vdash$	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	+						
65		202-632-4 98-06-6	$\dashv$	<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene 601-043-00-3	1	<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene   205-227-0   135-98-8	+	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
		K00-221-0 130-90-0							



#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene 602-035-00-2	e; p-dichlorobenze 203-400-5	ene 106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chloro	opropane 202-479-3	96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenzer	ne 204-428-0	120-82-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadiene	e 201-765-5	87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene				<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<lod< td=""></lod<>
								Total	: 0.301 %		

11	⊂y

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

**<LOD** Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

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Classification of sample: BH32[2]

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

## Sample details

Sample name: LoW Code:

BH32[2] Chapter:
Sample Depth:

1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide }  215-481-4	1327-53-3		5.34	mg/kg	1.32	7.051	mg/kg	0.000705 %		
2	4	boron { diboron tric		1,000,000		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
-	_		215-125-8	1303-86-2	+							-	
3	e <b>4</b>	cadmium { cadmiu 048-002-00-0	215-146-2	1306-19-0	4	0.163	mg/kg	1.142	0.186	mg/kg	0.0000186 %		
4	æ		nium(III) compound e (worst case) }	s { •		<0.9	mg/kg	1.462	<1.315	mg/kg	<0.000132 %		<lod< th=""></lod<>
5	4	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8	1308-38-9  s { chromium(VI)  1333-82-0		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper 029-002-00-X				5.35	mg/kg	1.126	6.024	mg/kg	0.000602 %		
7	4	iron ( iron (III) o		1309-37-1		12000	mg/kg	1.43	17156.938	mg/kg	1.716 %		
8	4	lead { • lead compapedified elsewher	pounds with the ex	ception of those	1	4.64	mg/kg		4.64	mg/kg	0.000464 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	1	7786-81-4		7.2	mg/kg	2.637	18.984	mg/kg	0.0019 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	vanadium { divapentoxide }	I <mark>nadium pentaoxide</mark>	; vanadium		6.68	mg/kg	1.785	11.925	mg/kg	0.00119 %		
		023-001-00-8	215-239-8	1314-62-1									
13		zinc { zinc sulphate 030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		36.9	mg/kg	2.469	91.117	mg/kg	0.00911 %		
14	0	pH		PH		8.87	рН		8.87	рН	8.87 pH		



15	EU CLP index number	CC Number		Ž	User entered	d data	Conv. Factor	Compound	conc.	Classification value	Арр	Conc. Not Used
		EC Number	CAS Number	CLP Note			1 doloi			Value	MC Applied	Oscu
	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
	TPH (C6 to C40) p	etroleum group	ļ.		0.5			0.5			Н	
16	(3333337)	3 1	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< th=""></lod<>
17	benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18	toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19 •	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	xylene			T								
20	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
21	tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	acenaphthylene		, , , , , , , , , , , , , , , , , , , ,		-0.012			-0.012		-0.0000012.0/		<lod< td=""></lod<>
23		205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lud< td=""></lud<>
24	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	fluoranthene	J.	,		0.0239	mg/kg		0.0239	mg/kg	0.00000239 %		
20		205-912-4	206-44-0		0.0239	ilig/kg		0.0239	ilig/kg	0.00000239 /8		
29 "	pyrene	204-927-3	129-00-0		0.0225	mg/kg		0.0225	mg/kg	0.00000225 %		
30	benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.0142	mg/kg		0.0142	mg/kg	0.00000142 %		
31	chrysene 601-048-00-0	205-923-4	218-01-9		0.0149	mg/kg		0.0149	mg/kg	0.00000149 %		
32	benzo[b]fluoranthe 601-034-00-4	ne 205-911-9	205-99-2		0.0194	mg/kg		0.0194	mg/kg	0.00000194 %		
33	benzo[k]fluoranthe	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	benzo[a]pyrene; be		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	indeno[123-cd]pyre	ļ	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36	dibenz[a,h]anthrac		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	benzo[ghi]perylene	)		-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %	П	<lod< td=""></lod<>
38	phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	П	<lod< td=""></lod<>
	604-001-00-2	203-632-7	108-95-2						Total:	1.734 %	H	

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

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Classification of sample: BH33

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

## Sample details

Sample name: LoW Code:

BH33 Chapter:
Sample Depth:

1 m Entry:

\_-....

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		3.01	mg/kg	1.32	3.974	mg/kg	0.000397 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.113	mg/kg	1.142	0.129	mg/kg	0.0000129 %		
4	æ <b>\$</b>	chromium in chrom		ls { • 1308-38-9		2.44	mg/kg	1.462	3.566	mg/kg	0.000357 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		1.95	mg/kg	1.126	2.195	mg/kg	0.00022 %	Ī	
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		4820	mg/kg	1.43	6891.37	mg/kg	0.689 %		
8	æ	lead { lead compospecified elsewher			1	11.6	mg/kg		11.6	mg/kg	0.00116 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		2.94	mg/kg	2.637	7.752	mg/kg	0.000775 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				7	mg/kg	1.785	12.496	mg/kg	0.00125 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		14.1	mg/kg	2.469	34.817	mg/kg	0.00348 %		
14	0	pH		PH		9.16	рН		9.16	рН	9.16 pH		

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_					_			1					
#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthei	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJL-U	PJ4-2U-1									



Re	port	creat	ted	by
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#		Determinand	Note	User enter	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index	S Number			Factor			value	MC A	Used
41	0	bromochloromethane 200-826-3 74-97-	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
<b>.</b>		chloroform; trichloromethane									
42		602-006-00-4 200-663-8 67-66-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
T		1,1,1-trichloroethane; methyl chloroform									
43		602-013-00-2 200-756-3 71-55-6	6	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58	3-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
.0		602-012-00-7 203-458-1 107-06	5-2	30.1	9/119				10.00001 70		
47		trichloroethylene; trichloroethene		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride	6								
48		602-020-00-0 201-152-2 78-87-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		602-003-00-8 200-824-2 74-95-3	3								
50	0	bromodichloromethane	4	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7 75-27-4 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene									
51		602-030-00-5 208-826-5 [1] 542-75		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
-		431-460-4   10061-   1,1,2-trichloroethane	02-6								
53		602-014-00-8   201-166-9   79-00-5	5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		205-531-3   142-28	3-9								
55	0	dibromochloromethane 204-704-0 124-48	3-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1,2-dibromoethane									
56		602-010-00-6 203-444-5 106-93	3-4	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1 203-628-5 108-90	)-7								
58	0	1,1,1,2-tetrachloroethane 211-135-1 630-20	)-6	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0 202-851-5 100-42	2-5	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-007-00-X 200-854-6 75-25-2	2	10.2	9/119				3,00032 70		
61		bromobenzene 602-060-00-9 203-623-8 108-86	i-1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
00		1,2,3-trichloropropane		0.00	m 1		0.00	m = //	-0.000000.00		.1.05
62		602-062-00-X 202-486-1 96-18-4	4	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]									
63		602-040-00-X 202-424-3 [1] 95-49-8	8 [1]	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		203-580-5 [2] 108-41		10.2	mg/kg		10.2	mg/ng	10.00002 //		1202
		203-397-0 [3] 106-43 246-698-2 [4] 25168-	05-2 [4]								
64		mesitylene; 1,3,5-trimethylbenzene		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
Ľ.		601-025-00-5 203-604-4 108-67	'-8	30.10						Н	
65	0	tert-butylbenzene 202-632-4 98-06-6	6	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
_		202-632-4 98-06-6 1,2,4-trimethylbenzene	U	2 : 5				,,	0.000015.53		
66		601-043-00-3 202-436-9 95-63-6	6	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Ĺ		205-227-0 135-98	3-8		59			Jg			



#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	liser entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70		n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadiene 201-765-5 87-68-3				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	0.702 %		

User supplied data	
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Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration <LOD Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

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Classification of sample: BH33[2]

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

## Sample details

Sample name: LoW Code: BH33[2] Chapter: Sample Depth:

2.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e#		1327-53-3		6.3	mg/kg	1.32	8.318	mg/kg	0.000832 %		
2	e#		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ		1306-19-0		0.254	mg/kg	1.142	0.29	mg/kg	0.000029 %		
4	4	chromium(III) oxide (worst case) }	1308-38-9		2.88	mg/kg	1.462	4.209	mg/kg	0.000421 %		
5	4	chromium in chromium(VI) compound oxide }			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4		de } 1317-39-1		4.66	mg/kg	1.126	5.247	mg/kg	0.000525 %		
7	4	iron { iron (III) oxide }	1309-37-1		15400	mg/kg	1.43	22018.07	mg/kg	2.202 %		
8	4	lead ( lead compounds with the exc specified elsewhere in this Annex (wor 082-001-00-6		1	6.61	mg/kg		6.61	mg/kg	0.000661 %		
9	<b>4</b>	mercury { mercury dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfate } 028-009-00-5   232-104-9	7786-81-4		6.89	mg/kg	2.637	18.167	mg/kg	0.00182 %		
11	<b>4</b>	selenium { selenium compounds with cadmium sulphoselenide and those spelsewhere in this Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium {			7.8	mg/kg	1.785	13.924	mg/kg	0.00139 %		
13	<b>4</b>	zinc { zinc sulphate } 030-006-00-9	7446-19-7 [1] 7733-02-0 [2]		35.3	mg/kg	2.469	87.166	mg/kg	0.00872 %		
14	0	рН	PH		8.7	рН		8.7	рН	8.7 pH		

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_					_			1					
#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫.	cyanides { salts exception of completerricyanides and nespecified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1.0	0	TPH (C6 to C40) p	etroleum group		+						2 222 2/	Н	
16		, , , , ,		TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-	0	ethylbenzene	203-623-9	100-00-3								Н	
19			202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
_			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.000001 %		<lod< td=""></lod<>
		anthracene	201-581-5	85-01-8	1				V0.010	mg/kg			LOD
27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		601-033-00-9 chrysene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	1	Q0.01	mg/kg		Q0.01	mg/kg			\_UU
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthei	ne	1		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be		207-08-9		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8								H	
35			205-893-2	193-39-5	_	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	9	benzo[ghi]perylene		404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	1	10.01	9/119		.5.01	9/119	.3.000001 70		
39	0		and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			LU3-UJL-U	PJ4-2U-1									



#			Determinand		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
41	9	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
12		chloroform; trichlor		, , , , ,	t	-0.16			-0.46		-0.000046.0/		1.00
42		602-006-00-4	200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< th=""></lod<>
43		1,1,1-trichloroethar	ne; methyl chlorofo	rm		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
			200-756-3	71-55-6	1								
44		<b>1,1-dichloropropen</b> 602-031-00-0	<b>e</b> 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha 200-262-8	ane 56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
46		1,2-dichloroethane 602-012-00-7	; ethylene dichlorid 203-458-1	le 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr	richloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
Ľ.			201-167-4	79-01-6		30.10			40.10		10.000010 /0		1202
48		1,2-dichloropropan 602-020-00-0	e; propylene dichlo 201-152-2	78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51			e; [1] (Z)-1,3-dichlo 208-826-5 [1] 233-195-8 [2]	oropropene [2] 542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
52	0	trans-1,3-dichlorop				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
		1,1,2-trichloroethar	431-460-4 ne	10061-02-6								H	
53			201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
55	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	Θ	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
59		styrene	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
60		bromoform; tribrom	omethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
61		bromobenzene	200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa		108-86-1		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< th=""></lod<>
			202-486-1	96-18-4	+								
		2-chlorotoluene; [1] 4-chlorotoluene; [3]	chlorotoluene [4]										
63			202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tr		400.07.3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< th=""></lod<>
			203-604-4	108-67-8	+								
65	0		202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
66		1,2,4-trimethylbenz 601-043-00-3	ene 202-436-9	95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
67	Θ	sec-butylbenzene	205-227-0	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
	<u> </u>												

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#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		<b>1,2-dichlorobenzen</b> 602-034-00-7	e; o-dichlorobenz 202-425-9	ene  95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadien	ie 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	2.221 %		

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	User s

User supplied data
Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



Classification of sample: BH33[3]

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

## Sample details

Sample name: LoW Code: BH33[3] Chapter: Sample Depth:

6.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered o	data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		9.61 r	ng/kg	1.32	12.688	mg/kg	0.00127 %		
2	<b>₫</b>		oxide; boric oxide } 215-125-8			1.33 n	ng/kg	3.22	4.282	mg/kg	0.000428 %		
3	æ	cadmium { cadmiu	m oxide } 215-146-2	1306-19-0		1.1 n	ng/kg	1.142	1.257	mg/kg	0.000126 %		
4	4	chromium in chrom		ds { • 1308-38-9		11.1 n	ng/kg	1.462	16.223	mg/kg	0.00162 %		
5	4	chromium in chromoxide }	J			<0.6 r	ng/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	e#	copper { dicopper of the dicop	oxide; copper (I) ox	kide }		18.5 r	ng/kg	1.126	20.829	mg/kg	0.00208 %		
7	æ\$	iron { • iron (III) o	xide } 215-168-2	1309-37-1		23400 r	mg/kg	1.43	33456.029	mg/kg	3.346 %		
8	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6			1	90.9 n	ng/kg		90.9	mg/kg	0.00909 %		
9	e C	mercury { mercury	dichloride }	7487-94-7		0.17 n	ng/kg	1.353	0.23	mg/kg	0.000023 %		
10	æ\$	nickel { nickel sulfa	te } 232-104-9	7786-81-4		20.7 r	ng/kg	2.637	54.579	mg/kg	0.00546 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1 r	ng/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { divapentoxide }		,		24.2 r	mg/kg	1.785	43.201	mg/kg	0.00432 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		144 n	ng/kg	2.469	355.579	mg/kg	0.0356 %		
14	0	рН		PH		7.03 p	Н		7.03	рН	7.03 pH		

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#		511010	Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	5							MC	
15	₫,	cyanides { salts exception of completerricyanides and name specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	0	TPH (C6 to C40) p	etroleum aroup									Н	
16	ľ	(00 to 0 10) p	group	TPH	1	<35	mg/kg		<35	mg/kg 	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	0	ethylbenzene	203-625-9	108-88-3	+				<u> </u>			Н	
19	1		202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	$\vdash$							Н	
24	9	•	201-469-6	83-32-9	1	0.0131	mg/kg		0.0131	mg/kg	0.00000131 %		
25	0	fluorene	1			0.0167	mg/kg		0.0167	mg/kg	0.00000167 %		
26	0	phenanthrene	201-695-5	86-73-7							0.00000891 %		
20			201-581-5	85-01-8	1	0.0891	mg/kg		0.0891	mg/kg	0.00000091 %	Ш	
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		0.0867	mg/kg		0.0867	mg/kg	0.00000867 %		
29	0	pyrene	204-927-3	129-00-0	_	0.0763	mg/kg		0.0763	mg/kg	0.00000763 %		
30		benzo[a]anthracen				0.0327	mg/kg		0.0327	mg/kg	0.00000327 %		
31		chrysene	200-280-6	56-55-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-923-4	218-01-9	$\vdash$							H	
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2	-	0.0502	mg/kg		0.0502	mg/kg	0.00000502 %		
33		benzo[k]fluoranther	1	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	enzo[def]chrysene			0.0296	mg/kg		0.0296	mg/kg	0.00000296 %		
35	0	indeno[123-cd]pyre		50-32-8		0.0268	mg/kg		0.0268	mg/kg	0.00000268 %		
36		dibenz[a,h]anthrace	205-893-2 ene	193-39-5		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
Ĺ			200-181-8	53-70-3	1		J. 1.8			9.19		H	
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	1			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	203-632-7 and 1,2-dichloroe 203-458-1,	108-95-2 thane (combined) 107-06-2, 75-34-3	1	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
	0		200-863-5	101 00-2, 10-04-3									
40			209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>



#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
41	0	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro	omethane 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar 602-013-00-2	ne; methyl chlorofo 200-756-3	rm 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen 602-031-00-0	e 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha 200-262-8	56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane 602-012-00-7	; ethylene dichlorid 203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr 602-027-00-9	richloroethene 201-167-4	79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropan 602-020-00-0	e; propylene dichlo 201-152-2	78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49			200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0		200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51			e; [1] ( <b>Z</b> )-1,3-dichlo 208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichlorop	ropene 431-460-4	10061-02-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe	ethane 211-135-1	630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60			omethane 200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62	_	1,2,3-trichloropropa 602-062-00-X	ane 202-486-1	96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
60		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X		[2] [95-49-8 [1]		0.0	- n		0.0		-0.00000.04		105
63			203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tr		108-67-8		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz	ene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-043-00-3 sec-butylbenzene	202-436-9 205-227-0	95-63-6 135-98-8									

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#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzer 602-035-00-2	ne; p-dichlorobenz 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzer 602-034-00-7	ne; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadie	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	3.41 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification



## Classification of sample: BH34

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

## Sample details

Sample name: LoW Code: BH34 Chapter: Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		0.719	mg/kg	1.32	0.949	mg/kg	0.0000949 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.471	mg/kg	1.142	0.538	mg/kg	0.0000538 %		
4	æ <b>\$</b>	chromium in chrom		ls { • 1308-38-9		1.25	mg/kg	1.462	1.827	mg/kg	0.000183 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		2.17	mg/kg	1.126	2.443	mg/kg	0.000244 %	Ì	
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		2400	mg/kg	1.43	3431.388	mg/kg	0.343 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	7.83	mg/kg		7.83	mg/kg	0.000783 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		2.32	mg/kg	2.637	6.117	mg/kg	0.000612 %		
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				1.19	mg/kg	1.785	2.124	mg/kg	0.000212 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62.5	mg/kg	2.469	154.331	mg/kg	0.0154 %		
14	0	pH		PH		9.64	рН		9.64	рН	9.64 pH		

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#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			ractor			value	MC/	Osed
15	*	cyanides { salts exception of completerricyanides and magnetised elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) pe	etroleum group	1		-25	ma/ka		<35	ma/ka	<0.0035 %	П	<lod< td=""></lod<>
16				TPH		<35	mg/kg		<30	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	_					- J J		Ш	
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy	her; MTBE; Ipropane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\vdash$		naphthalene	216-653-1	1634-04-4	$\vdash$							H	
22		· .	202-049-5	91-20-3	-	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.032	mg/kg		<0.032	mg/kg	<0.0000032 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.034	mg/kg		<0.034	mg/kg	<0.0000034 %		<lod< td=""></lod<>
29	0	pyrene				<0.03	ma/ka		<0.03	mg/kg	<0.000003 %		<lod< td=""></lod<>
		benzo[a]anthracene	204-927-3 e	129-00-0	-		mg/kg					H	
30			200-280-6	56-55-3	1	<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
32		benzo[b]fluoranther		•	T	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<lod< td=""></lod<>
	-		205-911-9	205-99-2	1		g						
33		benzo[k]fluoranther 601-036-00-5	n <b>e</b> 205-916-6	207-08-9		<0.028	mg/kg		<0.028	mg/kg	<0.0000028 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8	1	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5	Г	<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace		53-70-3		<0.046	mg/kg		<0.046	mg/kg	<0.0000046 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2	_	<0.048	mg/kg		<0.048	mg/kg	<0.0000048 %		<lod< td=""></lod<>
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	0	1,1-dichloroethane		1	+							H	
39	9		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>



#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Useu
41	Θ	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro	omethane 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar 602-013-00-2	ne; methyl chlorofo 200-756-3	rm 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		<b>1,1-dichloropropen</b> 602-031-00-0	e 209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha 200-262-8	ane 56-23-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; 602-012-00-7	; ethylene dichlorid 203-458-1	e 107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr 602-027-00-9	ichloroethene 201-167-4	79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48			e; propylene dichlo 201-152-2	ride 78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49			200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	Θ		200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51			e; [1] (Z)-1,3-dichlo 208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichlorop	ropene 431-460-4	10061-02-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56	į	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59			202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60			omethane 200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa 602-062-00-X	ane 202-486-1	96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X		2] 95-49-8 [1]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
03			203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<b>\0.2</b>	mg/kg		<b>\U.</b> Z	mg/kg	V3.00002 /0		\LUD
64		mesitylene; 1,3,5-tr		108-67-8		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz		95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	205-227-0	135-98-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>

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#		Determinand  EU CLP index EC Number CAS Number number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene 202-796-7 99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene 203-209-7   104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7   202-425-9   95-50-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
74	9	hexachlorobutadiene 201-765-5 87-68-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenzene   201-757-1   87-61-6	_	<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<lod< th=""></lod<>
						Total:	0.366 %		

K	e١
	v,

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





Classification of sample: BH34[2]

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

## Sample details

Sample name: LoW Code: BH34[2] Chapter: Sample Depth:

0.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		9.86	mg/kg	1.32	13.018	mg/kg	0.0013 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.44	mg/kg	1.142	0.503	mg/kg	0.0000503 %		
4	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				2.65	mg/kg	1.462	3.873	mg/kg	0.000387 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		5.11	mg/kg	1.126	5.753	mg/kg	0.000575 %		
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		15600	mg/kg	1.43	22304.019	mg/kg	2.23 %		
8	æ	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	14.9	mg/kg		14.9	mg/kg	0.00149 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		10.3	mg/kg	2.637	27.158	mg/kg	0.00272 %		
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				12.8	mg/kg	1.785	22.85	mg/kg	0.00229 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		53.8	mg/kg	2.469	132.848	mg/kg	0.0133 %		
14	0	pH		PH		9.39	рН		9.39	рН	9.39 pH		





#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		number									<u> </u>	_	
15	₫.	exception of comp ferricyanides and r specified elsewher	mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
40	8	006-007-00-5 TPH (C6 to C40) p	etroleum group			25			25		0.0005.0/	Н	100
16				TPH		<35	mg/kg		<35 	mg/kg	<0.0035 %	Ш	<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		ethylbenzene	203-625-9	108-88-3	╁							Н	
19		601-023-00-4	202-849-4	100-41-4	1	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	202-049-3	91-20-3	r	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %	Н	<lod< td=""></lod<>
		acananhthana	205-917-1	208-96-8	1							Н	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	9	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene			T	0.017	mg/kg		0.017	mg/kg	0.0000017 %		
-		benzolalanthracer	204-927-3	129-00-0	1	0.0				9,9		Н	
30		601-033-00-9	200-280-6	56-55-3	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0128	mg/kg		0.0128	mg/kg	0.00000128 %		
32		benzo[b]fluoranthe	ene  205-911-9	205-99-2		0.0161	mg/kg		0.0161	mg/kg	0.00000161 %		
33		benzo[k]fluoranthe	1	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyro		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac	cene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		601-041-00-2   200-181-8   53-70-3   benzo[ghi]perylene		+	-0.004	ma/les		-0.004	ma/les	-0.0000004.0/		4 00
3/		,	205-883-8	191-24-2	1	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %	Ц	<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
-	0		and 1,2-dichloroe	thane (combined)		2	,,		2 / 2		0.000015		
39			203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropar				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			209-832-0	594-20-7									





## Determinand ##	nn WC Applied	Conc. Not Used  Conc. Not
bromochloromethane		<pre><lod <lod="" <lod<="" pre=""></lod></pre>
200-826-3   74-97-5		<lod <lod="" <lod<="" td=""></lod>
42		<lod <lod="" <lod<="" td=""></lod>
43		<lod< td=""></lod<>
44		<lod< td=""></lod<>
45		
46		<lod< td=""></lod<>
47		
48		<lod< td=""></lod<>
49		<lod< td=""></lod<>
200-856-7   75-27-4		<lod< td=""></lod<>
51   602-030-00-5   208-826-5 [1]   542-75-6 [1]   <0.2 mg/kg   <0.00002 %		<lod< td=""></lod<>
		<lod< td=""></lod<>
52 trans-1,3-dichloropropene		<lod< td=""></lod<>
53 1,1,2-trichloroethane		<lod< td=""></lod<>
54 1,3-dichloropropane <a 40.28"="" example.com="" href="https://www.ncbestseps.com/red-radius-&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;  55   dibromochloromethane                                      &lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;56         1,2-dibromoethane         &lt;0.2&lt;/td&gt;         mg/kg         &lt;0.20002 %&lt;/td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;57         chlorobenzene         &lt;0.1&lt;/th&gt;         mg/kg         &lt;0.1&lt;/th&gt;         mg/kg         &lt;0.00001 %&lt;/th&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;58     1,1,1,2-tetrachloroethane         211-135-1       630-20-6     &lt;0.2&lt;/p&gt;   mg/kg          &lt;0.2&lt;/td&gt;       mg/kg         &lt;0.00002 %&lt;/td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;59         styrene         &lt;0.2&lt;/th&gt;         mg/kg         &lt;0.2&lt;/th&gt;         mg/kg         &lt;0.00002 %&lt;/th&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;60 bromoform; tribromomethane&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;61 bromobenzene&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;62 1,2,3-trichloropropane&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]  63&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;203-580-5 [2] 108-41-8 [2]&lt;br&gt;203-397-0 [3] 106-43-4 [3]&lt;br&gt;246-698-2 [4] 25168-05-2 [4]&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;64 mesitylene; 1,3,5-trimethylbenzene&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;65 tert-butylbenzene &lt;a href=" https:="" september=""></a>		<lod< td=""></lod<>
66 1,2,4-trimethylbenzene		<lod< td=""></lod<>
67 sec-buty/lbenzene <a href="#">Sec-buty/lbenzene</a> <0.2 mg/kg <0.00002 %		<lod< td=""></lod<>





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	liser entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenzo 203-400-5	ene  106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenzo 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74		hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	2.258 %		

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration **<LOD**Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





Classification of sample: BH34[3]

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

## Sample details

Sample name: LoW Code: BH34[3] Chapter: Sample Depth:

5.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	rioxide } 215-481-4	1327-53-3		13.2	mg/kg	1.32	17.428	mg/kg	0.00174 %		
2	4		oxide; boric oxide } 215-125-8	1303-86-2		1.47	mg/kg	3.22	4.733	mg/kg	0.000473 %		
3	e#	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.56	mg/kg	1.142	1.782	mg/kg	0.000178 %		
4	<b>4</b>	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				21.1	mg/kg	1.462	30.839	mg/kg	0.00308 %		
5	4	chromium in chromoxide }	1			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	e#	copper { dicopper of the dicop	oxide; copper (I) ox	kide }		27.4	mg/kg	1.126	30.849	mg/kg	0.00308 %		
7	æ\$	iron { • iron (III) o	xide } 215-168-2	1309-37-1		26900	mg/kg	1.43	38460.136	mg/kg	3.846 %		
8	<b>4</b>		ead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			112	mg/kg		112	mg/kg	0.0112 %		
9	<b>₽</b>	mercury { mercury	dichloride } 231-299-8	7487-94-7		0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
10	e#	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		30.3	mg/kg	2.637	79.892	mg/kg	0.00799 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium { • divapentoxide }		,		40.3	mg/kg	1.785	71.943	mg/kg	0.00719 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		214	mg/kg	2.469	528.429	mg/kg	0.0528 %		
14	9	pH		PH		7.07	рН		7.07	рН	7.07 pH		





#		Determinand	CLP Note	User entered da	ata	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index	CLP			Factor	· 		value	MC Appli	Used
15	<b>₫</b>	exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<1 m	g/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5									
16	0	TPH (C6 to C40) petroleum group		50.8 m	ıg/kg		50.8	mg/kg	0.00508 %		
17		<b>benzene</b> 601-020-00-8  200-753-7  71-43-2		<0.18 m	g/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9 108-88-3		<0.14 m	g/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4 202-849-4  100-41-4		<0.08 m	ıg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene									
20		601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]		<0.4 m	g/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane		<0.2 m	ıg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		603-181-00-X 216-653-1 1634-04-4 naphthalene 601-052-00-2 202-049-5 91-20-3		<0.009 m	ıg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2 202-049-5 91-20-3 acenaphthylene	+								
23	0	205-917-1 208-96-8	-	<0.012 m	g/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	9	acenaphthene   201-469-6   83-32-9		<0.008 m	ıg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	9	fluorene   201-695-5   86-73-7		<0.01 m	ıg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene   201-581-5   85-01-8		<0.015 m	g/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene   204-371-1   120-12-7		<0.016 m	ıg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	9	fluoranthene 205-912-4 206-44-0		0.0394 m	ıg/kg		0.0394	mg/kg	0.00000394 %		
29	9	pyrene		0.0346 m	g/kg		0.0346	mg/kg	0.00000346 %		
30		204-927-3   129-00-0   benzo[a]anthracene		0.0179 m	ıa/ka		0.0179	ma/ka	0.00000179 %	H	
_		601-033-00-9 200-280-6 56-55-3 chrysene	-							H	
31	L	601-048-00-0 205-923-4 218-01-9		0.0227 m	ig/kg		0.0227	під/кд	0.00000227 %		
32		benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2		0.0297 m	g/kg		0.0297	mg/kg	0.00000297 %		
20		benzo[k]fluoranthene	T	-0.044	a/l		-0.044	m ~ /l ·	*O 000004 4 00	П	<lod< td=""></lod<>
33		601-036-00-5 205-916-6 207-08-9	1	<0.014 m	ig/kg		<0.014	mg/kg	<0.0000014 %		<lud< td=""></lud<>
34		benzo[a]pyrene; benzo[def]chrysene           601-032-00-3         200-028-5         50-32-8		<0.015 m	g/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	9	indeno[123-cd]pyrene   205-893-2   193-39-5		<0.018 m	g/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracene 601-041-00-2   200-181-8   53-70-3		<0.023 m	ıg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene   205-883-8   191-24-2		<0.024 m	g/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol		<0.01 m	ıg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		604-001-00-2 203-632-7 108-95-2						Total:	3.939 %		
								iolai.	0.000 /0		





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00508%)





Classification of sample: BH35

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

## Sample details

Sample name: LoW Code:
BH35 Chapter:
Sample Depth:
1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	User entered data		Compound conc.		Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		3.8	mg/kg	1.32	5.017	mg/kg	0.000502 %		
2	4	boron { diboron tric	1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	2	cadmium { cadmiu	1	1303-60-2	╁								
3	•	048-002-00-0	215-146-2	1306-19-0	-	0.215	mg/kg	1.142	0.246	mg/kg	0.0000246 %		
4	4	chromium in chromium(III) compounds {				<0.9	mg/kg	1.462	<1.315	mg/kg	<0.000132 %		<lod< th=""></lod<>
	_		215-160-9	1308-38-9	$\perp$								
5	4	oxide }			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>	
	-	024-001-00-0	215-607-8	1333-82-0	-					_		┡	
6	4	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	2.75	mg/kg	1.126	3.096	mg/kg	0.00031 %		
7	*	iron { iron (III) oxide }			12500	mg/kg	1.43	17871.81	mg/kg	1.787 %			
8	4	215-168-2   1309-37-1   lead {   lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	4.58	mg/kg		4.58	mg/kg	0.000458 %		
9	4	mercury { mercury	<u> </u>			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
<u> </u>		080-010-00-X	231-299-8	7487-94-7	-							L	
10		nickel { nickel sulfa		7700 04 4		5.89	mg/kg	2.637	15.53	mg/kg	0.00155 %		
11	4	028-009-00-5 selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8	Timex }		-								
12	4	vanadium { • diva	nadium pentaoxide	; vanadium		8.7	mg/kg	1.785	15.531	mg/kg	0.00155 %		
		023-001-00-8											
10	_	zinc { zinc sulphate				26.4	no ar/1, ar	2.400	64.440		0.00644.0/		
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		26.1	mg/kg	2.469	64.449	mg/kg	0.00644 %		
14	0	рН		bu		8.7	рН		8.7	рН	8.7 pH		
		PH											



=	_	NIACDOTTALD			_							_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		1	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





=											T	
#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	9	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene 602-035-00-2	e; p-dichlorobenzo 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzene 602-034-00-7	e; o-dichlorobenzo 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	opropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	9	hexachlorobutadiene	e 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4 mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>	
					1				Total:	1.803 %			

11	⊂y

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





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

## Sample details

Sample name: LoW Code:

BH35[2] Chapter:
Sample Depth:

1.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index number  CAS Number  arsenic { arsenic trioxide }		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
1	æ å		ioxide }	1327-53-3		9.65	mg/kg	1.32	12.741	mg/kg	0.00127 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.434	mg/kg	1.142	0.496	mg/kg	0.0000496 %		
4	4	chromium in chrom		ls { • 1308-38-9		4.18	mg/kg	1.462	6.109	mg/kg	0.000611 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	ride }		6.27	mg/kg	1.126	7.059	mg/kg	0.000706 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		25600	mg/kg	1.43	36601.468	mg/kg	3.66 %		
8	4	lead {			1	13	mg/kg		13	mg/kg	0.0013 %		
9	æ\$	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		10.7	mg/kg	2.637	28.213	mg/kg	0.00282 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4		nadium pentaoxide	; vanadium		13.9	mg/kg	1.785	24.814	mg/kg	0.00248 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		41.1	mg/kg	2.469	101.488	mg/kg	0.0101 %		
14	0	pH		PH		7.97	рН		7.97	рН	7.97 pH		



=	_	NIACDOTTALD			_							_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





=					_							_	
#			Determinand		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi				MC	Used
41	Θ	bromochlorometha		74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro		67-66-3	F	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar	ne; methyl chlorofo	1	T	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen	e		+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		602-008-00-5 1,2-dichloroethane		56-23-5 e		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		602-012-00-7 trichloroethylene; tr		107-06-2	-				<0.18		<0.00001 %		<lod< td=""></lod<>
		602-027-00-9 1,2-dichloropropan	201-167-4 e: propylene dichlo	79-01-6	-	<0.18	mg/kg			mg/kg			
48			201-152-2	78-87-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-003-00-8	200-824-2	74-95-3	1	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0		200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichlorop	ropene 431-460-4	10061-02-6	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8		79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom		75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene		108-86-1	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa		96-18-4	+	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X	3-chlorotoluene; [ chlorotoluene [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tr	· · · · · · · · · · · · · · · · · · ·	25168-05-2 [4]	+	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	203-604-4	108-67-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz	ene	98-06-6	$\perp$	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	9	601-043-00-3 sec-butylbenzene	202-436-9	95-63-6	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			205-227-0	135-98-8		٠٠.٢	g/Ng		30.2	g, ng	30.00002 70		





#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
		number			ਹ							Σ	
68	0	4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			202-796-7	99-87-6									
69		1,4-dichlorobenzer	ne; p-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-035-00-2	203-400-5	106-46-7		30.1	mg/kg		30.1		40.00001 70		1202
70	0	n-butylbenzene	•			<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
			203-209-7	104-51-8			J J						
71		1,2-dichlorobenzer	ne; o-dichlorobenz			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-034-00-7	202-425-9	95-50-1			J J						_
72		1,2-dibromo-3-chlo	ropropane			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-087-00-6	204-428-0	120-82-1									
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			201-765-5	87-68-3		10	9/.19		1011	99	10.00001 70		1202
75	0	1,2,3-trichlorobenz	ene		<0.4 mg/	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>	
L			201-757-1 87-61-6		<0.4	99						,	
		·	· · · · · · · · · · · · · · · · · · ·					·		Total:	3.685 %		

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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





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

## Sample details

Sample name: LoW Code:

BH35[3] Chapter:
Sample Depth:

4.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		10.6	mg/kg	1.32	13.995	mg/kg	0.0014 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.93	mg/kg	1.142	2.205	mg/kg	0.00022 %		
4	4	chromium in chrom		ls {		14.2	mg/kg	1.462	20.754	mg/kg	0.00208 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		15.7	mg/kg	1.126	17.676	mg/kg	0.00177 %		
7	4	iron { • iron (III) o	xide }  215-168-2	1309-37-1		23600	mg/kg	1.43	33741.978	mg/kg	3.374 %		
8	4	lead {			1	116	mg/kg		116	mg/kg	0.0116 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		28.9	mg/kg	2.637	76.2	mg/kg	0.00762 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		30.2	mg/kg	1.785	53.913	mg/kg	0.00539 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		166	mg/kg	2.469	409.903	mg/kg	0.041 %		
14	0	рН		РН		7.13	рН		7.13	рН	7.13 pH		



=													
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi			valuo	MC	
15	*	cyanides { salts contact salts of exception of comple ferricyanides and management of the exception of the e	ex cyanides such a ercuric oxycyanide	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			troloum group									Н	
16	0	TPH (C6 to C40) pe	• .	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene											
18			203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %	Ш	<lod< td=""></lod<>
	8	ethylbenzene	200 020 0	100 00 0	$\vdash$							Н	
19			202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	Ш	<lod< td=""></lod<>
		xylene			T								
20		601-022-00-9 2	203-396-5 [2]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methyl 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3								Ш	
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %	Ш	<lod< td=""></lod<>
			205-917-1	208-96-8	$\perp$							Н	
24	0	acenaphthene	204 400 0	00.00.0		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %	Ш	<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
_		phenanthrene	201-695-5	86-73-7								Н	
26	0		201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	205-912-4	206-44-0		-0.01E	malka		-0.015	ma/ka	-0.000001E 9/	Н	4 OD
29			204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene		56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
	H	chrysene	-00 200 0	00 00 0								Н	
31		-	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthen				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %	П	<lod< td=""></lod<>
52		601-034-00-4	205-911-9	205-99-2		\0.013	mg/kg		V0.013	mg/kg	10.0000013 /6	Ш	\LUD
33		benzo[k]fluoranthen	e			<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
				207-08-9		.5.017	9/119		.5.017	9/1.9	3.000001170	Ц	
34		benzo[a]pyrene; ber 601-032-00-3		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyrer	ne			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
			205-893-2	193-39-5								Н	
36		dibenz[a,h]anthrace 601-041-00-2		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	005 002 0	404.04.0		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
30		604-001-00-2	203-632-7	108-95-2		\U.U1	mg/kg		<b>\(\text{0.01}\)</b>			Ш	\LUD
										Total:	3.45 %	$\perp$	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: **BH36** Chapter: Sample Depth:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 Entry:

03)

17: Construction and Demolition Wastes (including excavated soil

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		7.71	mg/kg	1.32	10.18	mg/kg	0.00102 %		
2	4		oxide; boric oxide } 215-125-8	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4			1306-19-0		0.423	mg/kg	1.142	0.483	mg/kg	0.0000483 %		
4	æ	chromium in chrom	nium(III) compound	ls { • 1308-38-9		4.27	mg/kg	1.462	6.241	mg/kg	0.000624 %		
5	æ	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the dicop	oxide; copper (I) ox	ride }		8.98	mg/kg	1.126	10.11	mg/kg	0.00101 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		18500	mg/kg	1.43	26450.279	mg/kg	2.645 %		
8	4	lead { lead compospecified elsewher 082-001-00-6			1	18.4	mg/kg		18.4	mg/kg	0.00184 %		
9	4	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa	te } 232-104-9	7786-81-4		8.92	mg/kg	2.637	23.519	mg/kg	0.00235 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ	vanadium { • divapentoxide }				13.9	mg/kg	1.785	24.814	mg/kg	0.00248 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		68.8	mg/kg	2.469	169.888	mg/kg	0.017 %		
14	0	pH	231-793-3 [2]	7733-02-0 [2] PH		8.98	рН		8.98	pН	8.98 pH		





	П				T							ō	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	2							MC	
15	4	cyanides { salts exception of comp ferricyanides and r specified elsewher	lex cyanides such a mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	601-021-00-3 ethylbenzene	203-625-9	108-88-3		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	Н	<lod< td=""></lod<>
		601-023-00-4 xylene	202-849-4	100-41-4	+							Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth	ylpropane	100404		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	601-052-00-2 acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	+							Н	
24	Θ	acenaphinene	201-469-6	83-32-9	$\frac{1}{2}$	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	9	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe	205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac 601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropar	1	594-20-7	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\overline{}$													





_		MACD	711712										
#		Determinand  EU CLP index EC Number CAS Numb number			Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
			EC Number	CAS Number	CLP			Factor			value	MC/	Used
41	0	bromochlorometha	ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		chloroform; trichlor	omethane										
42			200-663-8	67-66-3	-	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
					+							Н	
43		1,1,1-trichloroethar 602-013-00-2	ne; metnyi chiorotoi 200-756-3	rm 71-55-6	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen		563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha	ane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
_		602-008-00-5 1,2-dichloroethane	ļ	56-23-5 <b>e</b>									
46		'	203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg 	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr	richloroethene			<0.18	ma/ka		<0.18	ma/ka	<0.00018 %		<lod< td=""></lod<>
		602-027-00-9	201-167-4	79-01-6	1	<0.10	mg/kg		<b>VO. 10</b>	mg/kg 	<0.000018 %		\LOD
48		1,2-dichloropropan 602-020-00-0	e; propylene dichlo 201-152-2	78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	-	bromodichlorometh		r +-30-0	+								
50	0		200-856-7	75-27-4	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropen		propropene [2]									
51		602-030-00-5		542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichlorop	ropene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Ë			431-460-4	10061-02-6	1								
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
_		-	205-531-3	142-28-9	+-							Н	
55	0	dibromochlorometh	ane 204-704-0	124-48-1	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1.2-dibromoethane			+								
56		,	203-444-5	106-93-4	1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1	203-628-5	108-90-7									
58	0	1,1,1,2-tetrachloroe	ethane 211-135-1	630-20-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom		75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene	1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	$\vdash$	1	203-623-8	108-86-1	+								
62		1,2,3-trichloropropa 602-062-00-X	ane 202-486-1	96-18-4	+	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1]	3-chlorotoluene; [										
		4-chlorotoluene; [3]		95-49-8 [1]	-	0.0	- /I		0.0	/I	-0.00000.01		
63			203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\vdash$	$\vdash$	mesitylene; 1,3,5-tr		E0100-00-2 [4]	+							Н	
64			203-604-4	108-67-8	+	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
-	$\vdash$		200-004-4	100-07-0	+							Н	
65	0	tert-butylbenzene	202-632-4	98-06-6	+	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz		95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
<u> </u>	@	sec-butylbenzene	LUZ- <del>1</del> UU-3	00-00-0	+								
67			205-227-0	135-98-8	1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			•										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	9	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
		1,4-dichlorobenzer			+								
69		,	203-400-5	106-46-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		n-butylbenzene	203-400-5	100-40-7	+								
70	0	,	203-209-7	104-51-8	-	<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
		1,2-dichlorobenzer			+								
71		,			4	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			)2-034-00-7   202-425-9   95-50-1   .2-dibromo-3-chloropropane		+								
72		,	· ·	00.40.0	4	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
			202-479-3	96-12-8	-								
73		1,2,4-trichlorobenz			_	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		602-087-00-6	204-428-0	120-82-1									
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		201-765-5 87-68-3											
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
'"		201-757-1 87-61-6			1	νο.τ	mg/kg		\0.4	mg/kg	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		\LUD
76	0	polychlorobiphenyls; PCB				-0.036			-0.036		-0.0000036.0/		.1.00
10	602-039-00-4 215-648-1 1336-36-3				1	<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< th=""></lod<>
		,								Total:	2.676 %		

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





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

## Sample details

Sample name: LoW Code: **BH37** Chapter: Sample Depth:

Entry:

0.4 m

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	P Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLP					MC,	
1	4	arsenic { <mark>arsenic trioxide</mark> } 033-003-00-0   215-481-4   1327-53-3		0.653 mg/kg	1.32	0.862 mg/kg	0.0000862 %		
2	4			<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmium oxide } 048-002-00-0		0.463 mg/kg	1.142	0.529 mg/kg	0.0000529 %		
4	æ	chromium in chromium(III) compounds {		1.68 mg/kg	1.462	2.455 mg/kg	0.000246 %		
5	æ	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		5.34 mg/kg	1.126	6.012 mg/kg	0.000601 %		
7	4	iron (III) oxide }		2930 mg/kg	1.43	4189.152 mg/kg	0.419 %		
8	æ	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	5.81 mg/kg		5.81 mg/kg	0.000581 %		
9	4	mercury { mercury dichloride }  080-010-00-X		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	æ\$			1.56 mg/kg	2.637	4.113 mg/kg	0.000411 %		
11	æ	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ	vanadium { divanadium pentaoxide; vanadium pentoxide }		2.39 mg/kg	1.785	4.267 mg/kg	0.000427 %		
13		023-001-00-8		44.5 mg/kg	2.469	109.884 mg/kg	0.011 %		
14	0	231-793-3 [2] 7733-02-0 [2] <b>pH</b> PH		9.81 pH		9.81 pH	9.81 pH		





	П				T							ō	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	2							MC	
15	4	cyanides { salts exception of comp ferricyanides and r specified elsewher	lex cyanides such a mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	601-021-00-3 ethylbenzene	203-625-9	108-88-3		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	Н	<lod< td=""></lod<>
		601-023-00-4 xylene	202-849-4	100-41-4	+							Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth	ylpropane	100404		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	601-052-00-2 acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	+							Н	
24	Θ	acenaphinene	201-469-6	83-32-9	$\frac{1}{2}$	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	9	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe	205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac 601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropar	1	594-20-7	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\overline{}$													





Bacterioristic   Determinant   Section   Compound conc.   Classification   Classifica			MACDO	JIIALD									
1	#				CAS Number	LP Note	User entered of	data	Compound	conc.		1C Applied	Conc. Not Used
Colorador, michosomehane   Colorador, michosom	41	0		ne			<0.2 n	na/ka	<b>∠</b> 0.2	ma/ka	<0.00002 %	_	∠I OD
1.1.	Ľ			200-826-3	74-97-5		10.2	ng/ng			10.00002 70		1202
Sept-2006-00-4   201-663-8   F7-66-3   71-56-5   71-56	42		chloroform; trichlor	omethane			<0.16 n	na/ka	<0.16	ma/ka	<0.000016 %		<i od<="" td=""></i>
1			602-006-00-4	200-663-8	67-66-3		<b>40.10</b>	iig/ikg	<b>VO.10</b>		<b>40.000010</b> 70		LOD
Big	43		1,1,1-trichloroethar	ne; methyl chlorofo	orm		<0.14 n	na/ka	<0 14	ma/ka	<0.000014 %		<i od<="" td=""></i>
March   Marc			602-013-00-2	200-756-3	71-55-6		101						
1.2-dichloroethane; ethylene dichloride	44				563-58-6		<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Bo2-009-00-5   200-262-8   Bo2-35	15		carbon tetrachlorid	e; tetrachlorometh	ane		-0.2 n	20/1/2	-0.2	ma/ka	-0.00003.9/		4LOD
1.3-dichloropropene   1.3-dichloropropene	45		602-008-00-5	200-262-8	56-23-5	1	<0.2	ng/kg	<0.2	mg/kg	<0.00002 %		<lud< td=""></lud<>
1.2   1.2	16		1,2-dichloroethane	; ethylene dichlori	de		-0.1 n	na/ka	-0.1	ma/ka	~0.00001 %		∠I OD
1.2-dichioropropane, propylene dichloride	40		602-012-00-7	203-458-1	107-06-2		<b>VO.1</b>	ilg/kg	ζ0.1	mg/kg	<0.00001 /b		LOD
Big	17		trichloroethylene; ti	richloroethene			∠0.18 n	na/ka	~0.18	ma/ka	~0.000018 %		<1.0D
100   100	47		602-027-00-9	201-167-4	79-01-6		<b>40.10</b>	ilg/kg	<0.10	mg/kg	<0.000010 /6		LOD
Second color	18		1,2-dichloropropan	e; propylene dichl	oride		-0.2 n	na/ka	-0 2	ma/ka	~0 00002 %		∠I OD
Soz-003-00-8   200-824-2   74-95-3	40		602-020-00-0	201-152-2	78-87-5	1	<0.2 II	ilg/kg	<0.2	mg/kg	<0.00002 /6		LOD
50   bromodichioromethane	49			200-824-2	74-95-3		<0.18 n	ng/kg	<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
1.3-dichloropropone  [1] (2)-1,3-dichloropropone  [2]   802-030-00-5   208-826-5 [1]   842-75-6 [1]   233-195-8 [2]   10061-01-5 [2]   4.0.2 mg/kg   4.0.2 mg/kg   4.0.00002 %   4.0D													
13-dichloropropene: [1] (2)-1,3-dichloropropene [2]   202-230-0.5   208-262-5 [1]   542-75-6 [1]   202-13-6 [2]   200-10-10-15 [2]   202-23-6 [1]   200-10-10-15 [2]   202-23-6 [1]   200-10-10-15 [2]   202-23-6 [1]   202-27-6 [1]	50				75-27-4	-	<0.14 n	ng/kg	<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
Solid   Soli													
233-195-8   23   10061-01-5   23   10061-01-5   23   10061-01-5   23   11.2-trichloropropene	51					-	<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
431-460-4   10061-02-6													
31-460-4   10061-02-6	E2	0	trans-1,3-dichlorop	ropene			-0.2 n	na/ka	-0.2	ma/ka	-0.00003.9/		4LOD
1.3-dichloropropane	52			431-460-4	10061-02-6	-	<0.2	ng/kg	<0.2	mg/kg	<0.00002 %		<lud< td=""></lud<>
Second   S	E2		1,1,2-trichloroethar	ne			-0.2 n	na/ka	-0.2	ma/ka	-0.00003.9/		4LOD
1.2-dibromochloromethane	53		602-014-00-8	201-166-9	79-00-5	1	<0.2	ng/kg	<0.2	mg/kg	<0.00002 %		<lod td=""  <=""></lod>
1,2-dibromochloromethane   204-704-0   124-48-1	54	0			142-28-0		<0.14 n	ng/kg	<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
204-704-0					142 20 0	+							
1,2-dibromoethane	55	9			124-48-1	-	<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Second   S					121 10 1	+							
57         chlorobenzene	56		<u>'</u>		106-93-4	$\dashv$	<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Society   Soci				200 444 0	100 30 4								
1,1,1,2-tetrachloroethane   211-135-1   630-20-6	57			203-628-5	108-90-7	-	<0.1 n	ng/kg	<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
Supremator   Sup	58	0	1,1,1,2-tetrachloroe	ethane			<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Solid   Soli				211-135-1	630-20-6	-							
bromoform; tribromomethane   co2-007-00-X   200-854-6   75-25-2   co2   mg/kg   co.00002 %   clob   combined   co2-007-00-X   200-854-6   75-25-2   co2   mg/kg   co.00002 %   clob   co2-060-00-9   203-623-8   108-86-1   co2-062-00-X   202-486-1   96-18-4   co32   mg/kg   co.032   mg/kg   co.000032 %   clob   co2-062-00-X   202-486-1   96-18-4   co32   mg/kg   co.032   mg/kg   co.000032 %   clob   co2-062-00-X   202-424-3 [1]   co3-680-5 [2]   co3-680-5   co3-680-5 [2]   co3-680-5   co3-680-5	59		*				<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Columb   C					100-42-5	-							
bromobenzene	60		· ·				<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Color				200-854-6	75-25-2	+							
62   602-062-00-X   202-486-1   96-18-4	61			203-623-8	108-86-1		<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
2-chlorotoluene; [1] 3-chlorotoluene; [2]   4-chlorotoluene; [3] chlorotoluene [4]   602-040-00-X   202-424-3 [1]   95-49-8 [1]   203-580-5 [2]   108-41-8 [2]   203-397-0 [3]   106-43-4 [3]   246-698-2 [4]   25168-05-2 [4]	62				96-18-4		<0.32 n	ng/kg	<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
4-chlorotoluene; [3] chlorotoluene [4]						+							
203-580-5 [2]   108-41-8 [2]   203-397-0 [3]   106-43-4 [3]   246-698-2 [4]   25168-05-2 [4]   25168-05-2 [4]     25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05-2 [4]   25168-05													
65   tert-butylbenzene	63		602-040-00-X	203-580-5 [2] 203-397-0 [3]	108-41-8 [2] 106-43-4 [3]		<0.2 n	ng/kg	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
65   tert-butylbenzene			mesitylene; 1,3,5-ti				0.10	0	0.40	0	0.000010.0/		1.65
65 tert-butylbenzene	64				108-67-8	-	<0.16 n	ng/kg	<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
Column	<u></u>	0				$\top$	0.00	0	0.00	"	0.0000000		1.05
66	65			202-632-4	98-06-6	-	<0.28 n	ng/kg	<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66	66						-0.40	n a /!	-0.40		-0.000040.00		1.05
	00				95-63-6	1	<0.18 n	ng/kg	<0.18	mg/kg	<0.000018 %		<lud< td=""></lud<>
205-227-0   135-98-8   CO.2   Hig/kg   CO.20002 %	67	0	sec-butylbenzene				-0.2 n	na/ka	-0.2	ma/ka	<0.00002.0/		<1.0D
				205-227-0	135-98-8		\U.Z	ilg/kg	<b>\0.2</b>	mg/kg	J.00002 /6		\LUD





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenzo 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	-butylbenzene  203-209-7   104-51-8 ,2-dichlorobenzene; o-dichlorobenzene				mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		,	<b>2-dichlorobenzene</b> ; <b>o-dichlorobenzene</b> <b>2-</b> 034-00-7   202-425-9   95-50-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
72		602-034-00-7				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73	1,2,4-trichlorobenzene					<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
74	9	hexachlorobutadiene   201-765-5   87-68-3				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
										Total:	0.437 %		

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 Below limit of detection





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

## Sample details

Sample name: LoW Code: BH37[2] Chapter: Sample Depth:

**4.2 m** Entry: 17 0

from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		23.9	mg/kg	1.32	31.556	mg/kg	0.00316 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		3.32	mg/kg	1.142	3.793	mg/kg	0.000379 %		
4	æ <b>\$</b>	chromium in chrom		ls { •		12.3	mg/kg	1.462	17.977	mg/kg	0.0018 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		28.4	mg/kg	1.126	31.975	mg/kg	0.0032 %	Ī	
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		58300	mg/kg	1.43	83354.124	mg/kg	8.335 %		
8	æ	lead { lead compospecified elsewher			1	85	mg/kg		85	mg/kg	0.0085 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.205	mg/kg	1.353	0.277	mg/kg	0.0000277 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		46.9	mg/kg	2.637	123.661	mg/kg	0.0124 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		395	mg/kg	2.469	975.372	mg/kg	0.0975 %		
14	0	pH		PH		7.05	рН		7.05	рН	7.05 pH		





					Т								
#			number		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
			EC Number	CAS Number	C.F.							MC	
15	<b>4</b>	cyanides { salts exception of compl ferricyanides and r specified elsewher 006-007-00-5	lex cyanides such mercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
					+							Н	
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene	J			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-020-00-8 toluene	200-753-7	71-43-2	+				<del></del>			Н	
18		601-021-00-3	203-625-9	108-88-3	_	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		ethylbenzene	203-023-9	100-00-3	+							Н	
19		601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	,	,								П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	210-033-1	1034-04-4	t	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3		<b>40.003</b>				mg/kg	<0.0000000 70		\LOD
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		1.1	205-917-1	208-96-8	+							H	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	,			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			201-581-5	85-01-8								Н	
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
		pyrene	205-912-4	206-44-0	╁							Н	
29		pyrene	204-927-3	129-00-0	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	1	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	200 200-0	p3 00 0	$^{\dagger}$	<0.01	ma/ka		<0.01	mg/kg	<0.000001 %	П	<lod< td=""></lod<>
		601-048-00-0	205-923-4	218-01-9	L	<b>\(\tau_{0.01}\)</b>	mg/kg		V0.01	mg/kg	3.00001 /6	Ш	\LUD
32		benzo[b]fluoranthe				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		601-034-00-4	205-911-9	205-99-2	$\bot$							Н	
33		benzo[k]fluoranthe		007.00.0	1	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
$\vdash$	Н	601-036-00-5 benzo[a]pyrene; be	205-916-6 enzoldeflehrysene	207-08-9	+							Н	
34			200-028-5	50-32-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	1	indeno[123-cd]pyre	ene			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
	$\vdash$	dibenz[a,h]anthrac	205-893-2	193-39-5	+							H	
36		601-041-00-2	200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	1	-3.00	$^{\dagger}$	-0.004	ma/les		-0.004	ma/l.a	*O 0000034 8/		4.00
31			205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			1	1						Total:	8.474 %	П	
												Щ.	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH38 Chapter:
Sample Depth:
0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		0.865	mg/kg	1.32	1.142	mg/kg	0.000114 %		
2	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	æ	cadmium { cadmiu	1	1303-60-2	H				<u> </u>				
3	•	048-002-00-0	215-146-2	1306-19-0	1	0.374	mg/kg	1.142	0.427	mg/kg	0.0000427 %		
4	4	chromium in chrom	nium(III) compound e (worst case) }	s {		1.2	mg/kg	1.462	1.754	mg/kg	0.000175 %		
			215-160-9	1308-38-9	H							H	
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	_	024-001-00-0	215-607-8	1333-82-0	+								
6	€	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	6.33	mg/kg	1.126	7.127	mg/kg	0.000713 %		
7	4	iron { • iron (III) o		1,000 07 1		2710	mg/kg	1.43	3874.608	mg/kg	0.387 %		
8	4	lead { Plead compospecified elsewher	215-168-2 pounds with the exe e in this Annex (wo	ception of those orst case) }	1	3.63	mg/kg		3.63	mg/kg	0.000363 %		
9	4	mercury { mercury	<u> </u>			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
	-	080-010-00-X	231-299-8	7487-94-7	+							H	
10	e <b>Ç</b>	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4	-	1.61	mg/kg	2.637	4.245	mg/kg	0.000425 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	æ	034-002-00-8  vanadium {	nadium pentaoxide	e; vanadium		2.62	mg/kg	1.785	4.677	mg/kg	0.000468 %		
		023-001-00-8	215-239-8	1314-62-1									
13		zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		55.6	mg/kg	2.469	137.293	mg/kg	0.0137 %		
			231-793-3 [2]	7733-02-0 [2]									
14	0	рН		РH		9.74	рН		9.74	рН	9.74 pH		



=	_	Determinand			_							_	
#		Determinand  EU CLP index		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used	
			EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	exception of comple	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





=											T	
#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	02-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene	; p-dichlorobenze			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	03-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene 602-034-00-7 2	,	ne 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chloro 602-021-00-6		96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenzer		120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadiene		87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenzer		87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
									Total:	0.409 %			

ł	(6	9)

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





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

## Sample details

Sample name: LoW Code:

BH38[2] Chapter:
Sample Depth:

5.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
2	4	boron { diboron tric 005-008-00-8	oxide; boric oxide }	1303-86-2		1.72	mg/kg	3.22	5.538	mg/kg	0.000554 %		
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.65	mg/kg	1.142	1.885	mg/kg	0.000188 %		
4	₽	chromium in chrom		ls { • 1308-38-9		35.4	mg/kg	1.462	51.739	mg/kg	0.00517 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	tide }		29.8	mg/kg	1.126	33.551	mg/kg	0.00336 %		
7	4	iron { • iron (III) o	xide }  215-168-2	1309-37-1		44900	mg/kg	1.43	64195.543	mg/kg	6.42 %		
8	*	lead {			1	143	mg/kg		143	mg/kg	0.0143 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	-	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		43.4	mg/kg	2.637	114.432	mg/kg	0.0114 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		61.2	mg/kg	1.785	109.253	mg/kg	0.0109 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		270	mg/kg	2.469	666.71	mg/kg	0.0667 %		
14	0	pН		РН		7.21	рН		7.21	рН	7.21 pH		



		MACDO	JIIALD										
#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number	LO Number	CAS Number	苬							ĭ	
15	4	cyanides { salts exception of compl ferricyanides and n specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	-				-							Н	
16	0	TPH (C6 to C40) p	etroleum group	T-0.1		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
				TPH	-					_			
17		benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-020-00-8	200-753-7	71-43-2	$\vdash$								
18		toluene	000 005 0	400.00.0		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-			203-625-9	108-88-3	$\vdash$							Н	
19	0	ethylbenzene	000 040 4	400 44 4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	$\vdash$							Н	
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X	, ,	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene	210 000 1	100+ 0+ +	$\vdash$							Н	
22		<u>'</u>	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		acenaphthylene	202 0 10 0	01200									
23		. ,	205-917-1	208-96-8	1	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	0	acenaphthene							0.000				
24		'	201-469-6	83-32-9	1	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene		,		0.04			0.04		0.000004.0/		1.00
25			201-695-5	86-73-7	1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene				-0.015			-0.045		-0.000001E 0/		<lod< td=""></lod<>
26			201-581-5	85-01-8	1	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lud< td=""></lud<>
27	0	anthracene				<0.016	ma/ka		<0.016	ma/ka	<0.0000016 %		<lod< td=""></lod<>
21			204-371-1	120-12-7	1	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<lod< td=""></lod<>
20			205-912-4	206-44-0		Q0.017	mg/kg		20.017	ilig/kg	20.0000017 /8		\LOD
29	0	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
23			204-927-3	129-00-0	1	<0.013	mg/kg		20.013	ilig/kg	<0.0000013 78		\LOD
30		benzo[a]anthracen	e			<0.014	ma/ka		<0.014	ma/ka	<0.000014 %		<lod< td=""></lod<>
		601-033-00-9	200-280-6	56-55-3	L	CU.U14	mg/kg		CU.U14	mg/kg	20.0000014 %		\LUD
31		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	L	601-048-00-0	205-923-4	218-01-9		QU.U1	mg/kg		<b>CU.U1</b>	mg/kg	20.000001 76		\LUD
32		benzo[b]fluoranthe	ne			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
32		601-034-00-4	205-911-9	205-99-2		<0.013	mg/kg		<b>40.013</b>	ilig/kg	<0.0000013 78		\LOD
33		benzo[k]fluoranthe	ne			<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-036-00-5	205-916-6	207-08-9	L	V0.014	mg/kg		VU.U14	mg/kg	20.000014 /6		\LUD
34		benzo[a]pyrene; be	enzo[def]chrysene			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
Ľ		601-032-00-3	200-028-5	50-32-8	L	V0.010	mg/kg		V0.010	mg/kg	3.0000010 76		\LUD
35	0	indeno[123-cd]pyre	ene			<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
			205-893-2	193-39-5		V0.010	g/kg		V0.010	mg/kg	10.000010 70		`
36		dibenz[a,h]anthrac	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
Ľ		601-041-00-2	200-181-8	53-70-3		13.020	9,119		-3.020	9/119	3.0003020 70		
37	0	benzo[ghi]perylene	•			<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
Ľ.			205-883-8	191-24-2		.3.02			.,,,,,		. , , , , , , , , , , , , , , , , , , ,		
38		phenol				0.0122	mg/kg		0.0122	mg/kg	0.00000122 %		
Ĺ		604-001-00-2	203-632-7	108-95-2		0.5122			3.3122	a, 119	70	Ш	
39	0	1,1-dichloroethane	and 1,2-dichloroet 203-458-1, 200-863-5	thane (combined)		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	_	L	1									1	





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#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene 602-035-00-2	e; p-dichlorobenze 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzene 602-034-00-7	e; o-dichlorobenze 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chloro 602-021-00-6	opropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadiene	e 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ne 201-757-1	87-61-6		<0.4 mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>	
									Total:	6.539 %			

11	⊂y

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





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

## Sample details

Sample name: LoW Code:

BH42 Chapter:
Sample Depth:

1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		85.7	mg/kg	1.32	113.152	mg/kg	0.0113 %		
2	4	boron { diboron tric		1		5.29	mg/kg	3.22	17.033	mg/kg	0.0017 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.35	mg/kg	1.142	0.4	mg/kg	0.00004 %		
4	4	chromium in chrom		ls { • 1308-38-9		32.8	mg/kg	1.462	47.939	mg/kg	0.00479 %		
5	4	chromium in chromoxide }		1		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	kide }		63.6	mg/kg	1.126	71.606	mg/kg	0.00716 %		
7	4	iron ( <sup>®</sup> iron (III) o	xide }	1309-37-1		32100	mg/kg	1.43	45894.809	mg/kg	4.589 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the ex e in this Annex (wo	ception of those orst case) }	1	39.9	mg/kg		39.9	mg/kg	0.00399 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.223	mg/kg	1.353	0.302	mg/kg	0.0000302 %		
10		nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		42.3	mg/kg	2.637	111.532	mg/kg	0.0112 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.17	mg/kg	1.405	1.644	mg/kg	0.000164 %		
12	4	vanadium { diva pentoxide }	nadium pentaoxide	; vanadium		90.2	mg/kg	1.785	161.024	mg/kg	0.0161 %		
13	4	zinc { zinc sulphate 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		62	mg/kg	2.469	153.096	mg/kg	0.0153 %		
14	0	pН		PH PH		8.14	рН		8.14	рН	8.14 pH		



=	_	Determinand			_							_	
#		Determinand  EU CLP index		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used	
			EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	exception of comple	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





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#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	licar antarad data		ntered data Conv. Factor		( 'omnound conc		MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	ne; p-dichlorobenze	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	ne; o-dichlorobenze	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
								Total:	4.666 %				

ł	(6	9)

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





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

## Sample details

Sample name: LoW Code:

BH42[2] Chapter:
Sample Depth:

9.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	User entered data		Conv. Factor	l ('ompound conc l		Classification value	MC Applied	Conc. Not Used	
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		98.6	mg/kg	1.32	130.184	mg/kg	0.013 %		
2	4	boron { diboron tric		1303-86-2		16.4	mg/kg	3.22	52.806	mg/kg	0.00528 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.199	mg/kg	1.142	0.227	mg/kg	0.0000227 %		
4	*				40.1	mg/kg	1.462	58.608	mg/kg	0.00586 %			
5	4					<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		79.3	mg/kg	1.126	89.283	mg/kg	0.00893 %		
7	*	iron { • iron (III) o	xide }	1309-37-1		23400	mg/kg	1.43	33456.029	mg/kg	3.346 %		
8	*	lead {			1	56.9	mg/kg		56.9	mg/kg	0.00569 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.214	mg/kg	1.353	0.29	mg/kg	0.000029 %		
10	-	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		48.1	mg/kg	2.637	126.825	mg/kg	0.0127 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.76	mg/kg	1.405	2.473	mg/kg	0.000247 %		
12	4		nadium pentaoxide	; vanadium		104	mg/kg	1.785	185.659	mg/kg	0.0186 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		64.7	mg/kg	2.469	159.763	mg/kg	0.016 %		
14	0	рН		РН		10.3	рН		10.3	рН	10.3 pH		



=	_				_						<u> </u>	_	
#		Determinand						Conv. Factor	Compound conc.		Classification value		Conc. Not
		EU CLP index number	index EC Number CAS Number er						Classification value		Used		
15	*	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		44.7	mg/kg		44.7	mg/kg	0.00447 %		
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33			205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34			200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
36			200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38			203-632-7	108-95-2		0.0232	mg/kg		0.0232	mg/kg	0.00000232 %		
39	0		and 1,2-dichloroe <sup>2</sup> 203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	<b>e</b> 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





=								<u> </u>				=	
#		Determinand			Note	User entered data	Conv. Factor	Compound conc.		Classification value	Applied	Conc. Not Used	
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi				MC	
41	0	bromochlorometha	ne 200-826-3	74-97-5	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlor	omethane 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar 602-013-00-2	ne; methyl chlorofo	rm  71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen	e			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachlorid			+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane	•	56-23-5 e	+	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		602-012-00-7 trichloroethylene; tr	203-458-1 richloroethene	107-06-2	+	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 1,2-dichloropropan	201-167-4 e; propylene dichlo	79-01-6 ride	-	<0.2			<0.2		<0.00002 %		<lod< td=""></lod<>
		602-020-00-0 dibromomethane	201-152-2	78-87-5	+		mg/kg			mg/kg			
49		602-003-00-8 bromodichlorometh	200-824-2	74-95-3	+	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50			200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51		602-030-00-5	e; [1] (2)-1,3-dichid 208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichlorop	ropene 431-460-4	10061-02-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom	omethane 200-854-6	75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene	203-623-8	108-86-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa		96-18-4		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X	3-chlorotoluene; [ chlorotoluene [4] 202-424-3 [1] 203-580-5 [2] 203-397-0 [3]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
64		mesitylene; 1,3,5-tr	246-698-2 [4] rimethylbenzene 203-604-4	25168-05-2 [4]	+	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene		108-67-8	+	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz		98-06-6	+	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene	202-436-9	95-63-6	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			205-227-0	135-98-8									





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#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered da	ıta	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2 mg	g/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenze 203-400-5	ene 106-46-7		<0.1 mg	g/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22 mg	g/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7		ene 95-50-1		<0.1 mg	g/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72			,2-dibromo-3-chloropropane			<0.28 mg	g/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		602-021-00-6   202-479-3   96-12-8 <b>1,2,4-trichlorobenzene</b> 502-087-00-6   204-428-0   120-82-1				<0.1 mg	g/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1 mg	g/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4 mg	g/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
						,				Total:	3.437 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00447%)





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

#### Sample details

Sample name: LoW Code:

BH42[3] Chapter:
Sample Depth:

10.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3	_	112	mg/kg	1.32	147.876	mg/kg	0.0148 %		
2	4	boron { diboron tric		1303-86-2		24.6	mg/kg	3.22	79.209	mg/kg	0.00792 %		
		cadmium { cadmiu		1303-86-2	+							Н	
3	4	048-002-00-0	215-146-2	1306-19-0	-	<0.02	mg/kg	1.142	<0.0228	mg/kg	<0.00000228 %		<lod< td=""></lod<>
4	4		nium(III) compound e (worst case) }	s {		41.3	mg/kg	1.462	60.362	mg/kg	0.00604 %		
	_		215-160-9	1308-38-9	-							$\vdash$	
5	4	oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	-							H	
6	4	029-002-00-X	oxide; copper (I) ox 215-270-7	1317-39-1	-	87.1	mg/kg	1.126	98.065	mg/kg	0.00981 %		
7	4	iron { • iron (III) o	•	1,000 07 1		33600	mg/kg	1.43	48039.426	mg/kg	4.804 %		
8	*		215-168-2   1309-37-1  ad { lead compounds with the exception of those pecified elsewhere in this Annex (worst case) }		1	46	mg/kg		46	mg/kg	0.0046 %		
9	4	mercury { mercury		1		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
		080-010-00-X	231-299-8	7487-94-7	-							H	
10		nickel { nickel sulfa			4	53	mg/kg	2.637	139.744	mg/kg	0.014 %		
	-	028-009-00-5	232-104-9	7786-81-4								-	
11	≪\$	cadmium sulphose elsewhere in this A	m compounds with elenide and those s Annex }			2.75	mg/kg	1.405	3.864	mg/kg	0.000386 %		
		034-002-00-8											
12	₡	vanadium {	nadium pentaoxide	e; vanadium		111	mg/kg	1.785	198.156	mg/kg	0.0198 %		
		023-001-00-8	215-239-8	1314-62-1									
	-	zinc { zinc sulphate							450.005				
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		61	mg/kg	2.469	150.627	mg/kg	0.0151 %		
14	0	рН		PH		10.4	рН		10.4	рН	10.4 pH		
				rn								_	



=	_				_						· · · · · · · · · · · · · · · · · · ·	_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		1	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





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#		Determinand	CLP Note	User entere	d data	Conv. Factor	Compound cond	i.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLP			1 actor			value	MC,	Oseu
41	9	bromochloromethane 200-826-3 74-97-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane         602-006-00-4         200-663-8         67-66-3		<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
43		<b>1,1,1-trichloroethane</b> ; methyl chloroform 602-013-00-2 200-756-3 71-55-6		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride         602-012-00-7       203-458-1       107-06-2		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9   201-167-4   79-01-6		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride         602-020-00-0       201-152-2       78-87-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane           602-003-00-8         200-824-2         74-95-3		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
50	9	bromodichloromethane 200-856-7 75-27-4		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]       602-030-00-5     208-826-5 [1]     542-75-6 [1]       233-195-8 [2]     10061-01-5 [2]		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
54	0	<b>1,3-dichloropropane</b> 205-531-3   142-28-9		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane         204-704-0         124-48-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane       602-010-00-6     203-444-5     106-93-4		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene         203-628-5         108-90-7		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene           601-026-00-0         202-851-5         100-42-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene           602-060-00-9         203-623-8         108-86-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	1	<0.32	mg/kg		<0.32 mg	/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
64		246-698-2 [4] 25168-05-2 [4] mesitylene; 1,3,5-trimethylbenzene	+	<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
65	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	7	<0.28	mg/kg			/kg	<0.000028 %		<lod< td=""></lod<>
66		202-632-4 98-06-6 1,2,4-trimethylbenzene	-	<0.18	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
67	0	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene	+	<0.2	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
0,		205-227-0   135-98-8		VU.Z	ilig/kg		-0.2 mg	, ng	10.0000Z /0	L	LOD





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	ie; o-dichlorobenze 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	4.901 %		

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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





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

#### Sample details

Sample name: LoW Code:
BH43 Chapter:
Sample Depth:
1.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number			CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		138	mg/kg	1.32	182.205	mg/kg	0.0182 %		
2	4		oxide; boric oxide }	1303-86-2		19.9	mg/kg	3.22	64.076	mg/kg	0.00641 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
4	4	chromium in chrom	nium(III) compound (worst case) } 215-160-9	s { •		43.3	mg/kg	1.462	63.285	mg/kg	0.00633 %		
5	4	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				82.4	mg/kg	1.126	92.773	mg/kg	0.00928 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		34100	mg/kg	1.43	48754.299	mg/kg	4.875 %		
8	4		215-168-2   1309-37-1    { • lead compounds with the exception of those iffied elsewhere in this Annex (worst case) }		1	46	mg/kg		46	mg/kg	0.0046 %		
9	4	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa	te } 232-104-9	7786-81-4		52.9	mg/kg	2.637	139.481	mg/kg	0.0139 %		
11	4		m compounds with elenide and those s unnex }			1.92	mg/kg	1.405	2.698	mg/kg	0.00027 %		
12	4	vanadium { • divapentoxide }				114	mg/kg	1.785	203.511	mg/kg	0.0204 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	_	59.1	mg/kg	2.469	145.935	mg/kg	0.0146 %		
14	0	рН		PH		10.3	рН		10.3	рН	10.3 pH		



	EU CLP index	Determinand									g	
		EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
4	number  cyanides { • salts o	f hydrogen cyanid	e with the	ਹ							M	
	exception of complex ferricyanides and me specified elsewhere	ercuric oxycyanide			<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		troleum aroun									Н	
9	11 11 (00 to 040) per	Troicum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
	benzene											
		200-753-7	71-43-2	1	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	toluene		108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
0	ethylbenzene				0.00			0.00		0.000000.0/		1.00
	601-023-00-4 2	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	xylene											
	2 2	203-396-5 [2] 203-576-3 [3]	106-42-3 [2]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	2-methoxy-2-methylp	propane	1624 04 4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
-		10-033-1	1034-04-4	$\vdash$							Н	
	<u>'</u>	202-049-5	01-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
9	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
0	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
			00 02 0									
٦		01-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
0	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
0	anthracene 2	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
0	fluoranthene 2	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
0	pyrene 2	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
	601-048-00-0 2		218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	601-034-00-4 2	05-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	601-036-00-5 2	05-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
_	601-032-00-3 2	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
0			193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
			53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
Θ	benzo[ghi]perylene 2	05-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
	phenol 604-001-00-2 2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
0	1,1-dichloroethane a	and 1,2-dichloroet 203-458-1,	hane (combined)		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
0	2,2-dichloropropane	ı	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		Document   Document	Doc-1007-00-5   TPH (C6 to C40) petroleum group	D06-007-00-5   TPH (C6 to C40) petroleum group   TPH	D06-007-00-5	TPH (C6 to C40) petroleum group	TPH (C6 to C40) petroleum group	Tell	TPH	TPH (CB to C40) petroleum group	TPH (C6 to C40) petroleum group	TPH (C6 to C40) petroleum group





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#			Determinand		Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi				MC	Used
41	Θ	bromochlorometha		74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloro		67-66-3	F	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethar	ne; methyl chlorofo	1	T	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen	e		+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		602-008-00-5 1,2-dichloroethane		56-23-5 e		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		602-012-00-7 trichloroethylene; tr		107-06-2	-				<0.18		<0.00001 %		<lod< td=""></lod<>
		602-027-00-9 1,2-dichloropropan	201-167-4 e: propylene dichlo	79-01-6	-	<0.18	mg/kg			mg/kg			
48			201-152-2	78-87-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-003-00-8	200-824-2	74-95-3	1	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0		200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
51				542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	•	431-460-4   10061-02-6   1.2-trichloroethane		_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethar 602-014-00-8		79-00-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e 205-531-3	142-28-9		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroe		630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom		75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene		108-86-1	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa		96-18-4	+	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X	3-chlorotoluene; [ chlorotoluene [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tr	· · · · · · · · · · · · · · · · · · ·	25168-05-2 [4]	+	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	203-604-4	108-67-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz	ene	98-06-6	$\perp$	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	9	601-043-00-3 sec-butylbenzene	202-436-9	95-63-6	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			205-227-0	135-98-8		٠٠.٢	g/Ng		30.2	g, ng	30.00002 70		





#		Determinand  EU CLP index		CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	Θ	4-isopropyltoluene				0.0			0.0		0.00000.0/	F	1.00
68			202-796-7	99-87-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
69		1,4-dichlorobenzen	ne; p-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
09		602-035-00-2	203-400-5	106-46-7		<0.1	ilig/kg		V0.1	ilig/kg	<0.00001 /8		\LOD
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
L			203-209-7	104-51-8		10.22			VO.EE		10.000022 /0		1205
71	ll L	1,2-dichlorobenzen	ne; o-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-034-00-7	202-425-9	95-50-1		<b>V</b> 0.1 1							
72		1,2-dibromo-3-chlo	ropropane			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-087-00-6	204-428-0	120-82-1		10			1011		10.00001 70		1202
74	Θ	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			201-765-5	87-68-3		10			1011		10.00001 70		1202
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
L			201-757-1	87-61-6		10.1	9/119			9/119	10.0000170		
76	Θ	polychlorobiphenyl	s; PCB			<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< td=""></lod<>
L		602-039-00-4	215-648-1	1336-36-3		10.000				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10.0000000 70		`
L										Total:	4.974 %		

k	(	e	/	/

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code: BH43[2] Chapter: Sample Depth: 6.9 m Entry:

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

03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		7.44	mg/kg	1.32	9.823	mg/kg	0.000982 %		
2	4	boron { diboron tric	1	1303-86-2		2.77	mg/kg	3.22	8.919	mg/kg	0.000892 %		
3	æ	cadmium { cadmiu 048-002-00-0	1	1306-19-0		0.21	mg/kg	1.142	0.24	mg/kg	0.000024 %		
4	æ	chromium in chron	nium(III) compound			1.38	mg/kg	1.462	2.017	mg/kg	0.000202 %		
5	4	chromium in chronoxide }	nium in chromium(VI) compounds {			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4					7.12	mg/kg	1.126	8.016	mg/kg	0.000802 %		
7	4	iron { • iron (III) o		1309-37-1		19700	mg/kg	1.43	28165.973	mg/kg	2.817 %		
8	4	lead { • lead com	215-168-2   1309-37-1  d { • lead compounds with the exception of those excified elsewhere in this Annex (worst case) }		1	8.73	mg/kg		8.73	mg/kg	0.000873 %		
9	4		dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4		1	7786-81-4		10.3	mg/kg	2.637	27.158	mg/kg	0.00272 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	034-002-00-8 vanadium {		•		13.1	mg/kg	1.785	23.386	mg/kg	0.00234 %		
13		023-001-00-8 zinc { zinc sulphate		1314-62-1		24.2	mg/kg	2.469	59.757	mg/kg	0.00598 %		
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		24.2	mig/kg	2.403	39.131	mg/kg	0.00030 /6		
14	0	pH		PH		7.72	рН		7.72	pН	7.72 pH		



=	_				_						· · · · · · · · · · · · · · · · · · ·	_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		1	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		<0.2 mg/kg	<0.00002 %	F	<lod< th=""></lod<>
<0.16 mg/kg	1	<0.16 mg/kg	<0.000016 %		<lod< th=""></lod<>
<0.14 mg/kg	1	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.1 mg/kg	1	<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
<0.18 mg/kg	·	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
<0.2 mg/kg	'	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.18 mg/kg	1	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
<0.14 mg/kg	'	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	•	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.14 mg/kg	1	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	l	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.1 mg/kg	ı	<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
<0.2 mg/kg	ı	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	ı	<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< th=""></lod<>
<0.2 mg/kį		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.16 mg/kg	1	<0.16 mg/kg	<0.000016 %		<lod< th=""></lod<>
<0.28 mg/kg	1	<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
<0.18 mg/kg	1	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
		<0.2 mg/kg	<0.00002 %	Н	<lod< th=""></lod<>
	<pre>&lt;0.16  mg/kg &lt;0.14  mg/kg &lt;0.2  mg/kg &lt;0.2  mg/kg &lt;0.1  mg/kg &lt;0.1  mg/kg &lt;0.18  mg/kg &lt;0.18  mg/kg &lt;0.14  mg/kg &lt;0.14  mg/kg &lt;0.2  mg/kg &lt;0.2  mg/kg &lt;0.1  mg/kg &lt;0.1  mg/kg &lt;0.2  mg/kg</pre>	<pre>&lt;0.16</pre>	<0.16       mg/kg       <0.16       mg/kg         <0.14       mg/kg       <0.14       mg/kg         <0.2       mg/kg       <0.2       mg/kg         <0.2       mg/kg       <0.2       mg/kg         <0.11       mg/kg       <0.11       mg/kg         <0.18       mg/kg       <0.18       mg/kg         <0.18       mg/kg       <0.18       mg/kg         <0.18       mg/kg       <0.14       mg/kg         <0.14       mg/kg       <0.14       mg/kg         <0.2       mg/kg       <0.2       mg/kg	<0.16         mg/kg         <0.16         mg/kg         <0.000016 %           <0.14         mg/kg         <0.14         mg/kg         <0.000016 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.01         mg/kg         <0.00001 %           <0.18         mg/kg         <0.18         mg/kg         <0.000018 %           <0.2         mg/kg         <0.18         mg/kg         <0.00002 %           <0.18         mg/kg         <0.18         mg/kg         <0.00002 %           <0.14         mg/kg         <0.014         mg/kg         <0.000018 %           <0.14         mg/kg         <0.014         mg/kg         <0.000018 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.00002 %	<0.2         mg/kg         <0.2         mg/kg         <0.00002 %           <0.16         mg/kg         <0.000016 %            <0.14         mg/kg         <0.000014 %            <0.2         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00001 %            <0.18         mg/kg         <0.18         mg/kg         <0.000018 %           <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	Θ	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
		1,4-dichlorobenzer			t	0.4			0.4		0.00004.0/	Н	
69		602-035-00-2	203-400-5	106-46-7	1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene		1.0.4.5.4.0		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
			203-209-7	104-51-8	-								
71		1,2-dichlorobenzer			4	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
			2-034-00-7   202-425-9   95-50-1		-								
72		1,2-dibromo-3-chlo			_	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
			202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
L		602-087-00-6	204-428-0	120-82-1									
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
Ľ			201-765-5	87-68-3		10			10		10.00001 70		1202
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
Ĺ			201-757-1	87-61-6									
76	0	polychlorobiphenyls; PCB			<0.036	mg/kg		<0.036	mg/kg	<0.000036 %		<lod< th=""></lod<>	
		602-039-00-4 215-648-1 1336-36-3				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	g/kg		<b>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </b>		\(\text{\cos}\)		\LUD
		10010								Total:	2.836 %		·

Key
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Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
BH43[3] Chapter:
Sample Depth:
10.5 m Entry:

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

#### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data





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

#### Sample details

Sample name: LoW Code: **BH44** Chapter: Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

#### Sample details

Sample name: LoW Code:

BH44[2] Chapter:
Sample Depth:

1.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		129	mg/kg	1.32	170.322	mg/kg	0.017 %		
2	4		1	1303-86-2		21.5	mg/kg	3.22	69.227	mg/kg	0.00692 %		
3	æ	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.412	mg/kg	1.142	0.471	mg/kg	0.0000471 %		
4	æ	chromium in chrom	nium(III) compound e (worst case) 215-160-9	s { • • • • • • • • • • • • • • • • • •		47.4	mg/kg	1.462	69.278	mg/kg	0.00693 %		
5	4	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				91.1	mg/kg	1.126	102.568	mg/kg	0.0103 %		
7	4	iron { • iron (III) o		1309-37-1		34000	mg/kg	1.43	48611.324	mg/kg	4.861 %		
8	4		1	ception of those	1	54.5	mg/kg		54.5	mg/kg	0.00545 %		
9	4	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa	te } 232-104-9	7786-81-4		59	mg/kg	2.637	155.564	mg/kg	0.0156 %		
11	4		m compounds with elenide and those s unnex }			1.88	mg/kg	1.405	2.641	mg/kg	0.000264 %		
12	4	vanadium { • divapentoxide }				124	mg/kg	1.785	221.363	mg/kg	0.0221 %		
13	æ	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		71.6	mg/kg	2.469	176.802	mg/kg	0.0177 %		
14	0	рН		PH		10	рН		10	рН	10pH		



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#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		1	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





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#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	9	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1					<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
72	1,2-dibromo-3-chloropropane 602-021-00-6   202-479-3   96-12-8					<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenz 602-087-00-6	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
75	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>	
76	nolychlorohiphopyls: PCB				<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< th=""></lod<>	
		1		*						Total:	4.968 %		

k	(	e	/	/

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:

BH44[3] Chapter:
Sample Depth:

5.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		3.32	mg/kg	1.32	4.383	mg/kg	0.000438 %		
2	4	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		2.57	mg/kg	3.22	8.275	mg/kg	0.000828 %		
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.16	mg/kg	1.142	0.183	mg/kg	0.0000183 %		
4	4	chromium in chrom		ls {		2.6	mg/kg	1.462	3.8	mg/kg	0.00038 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		5.03	mg/kg	1.126	5.663	mg/kg	0.000566 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		10300	mg/kg	1.43	14726.372	mg/kg	1.473 %		
8	4	lead {			1	8.07	mg/kg		8.07	mg/kg	0.000807 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10		nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		6.89	mg/kg	2.637	18.167	mg/kg	0.00182 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		8.23	mg/kg	1.785	14.692	mg/kg	0.00147 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		19.2	mg/kg	2.469	47.41	mg/kg	0.00474 %		
14	0	pН		РН		8.64	рН		8.64	рН	8.64 pH		



	Determinand  EU CLP index EC Number CAS Nu										g	
		EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
4	number  cyanides { • salts o	f hydrogen cyanid	e with the	ਹ							M	
	exception of complex ferricyanides and me specified elsewhere	ercuric oxycyanide			<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		troleum aroun									Н	
9	11 11 (00 to 040) per	Troicum group	TPH	-	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
	benzene											
		200-753-7	71-43-2	1	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	toluene		108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
0	ethylbenzene				0.00			0.00		0.000000.0/		1.00
	601-023-00-4 2	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	xylene											
	2 2	203-396-5 [2] 203-576-3 [3]	106-42-3 [2]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	2-methoxy-2-methylp	propane	1624 04 4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
-		10-033-1	1034-04-4	$\vdash$							Н	
	<u>'</u>	202-049-5	01-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
9	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
0	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
			00 02 0									
٦		01-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
0	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
0	anthracene 2	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
0	fluoranthene 2	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
0	pyrene 2	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
	601-048-00-0 2		218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	601-034-00-4 2	05-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	601-036-00-5 2	05-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
_	601-032-00-3 2	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
0			193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
			53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
Θ	benzo[ghi]perylene 2	05-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
	phenol 604-001-00-2 2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
0	1,1-dichloroethane a	and 1,2-dichloroet 203-458-1,	hane (combined)		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
0	2,2-dichloropropane	ı	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		Document   Document	Doc-1007-00-5   TPH (C6 to C40) petroleum group	D06-007-00-5   TPH (C6 to C40) petroleum group   TPH	D06-007-00-5	TPH (C6 to C40) petroleum group	TPH (C6 to C40) petroleum group	Tell	TPH	TPH (CB to C40) petroleum group	TPH (C6 to C40) petroleum group	TPH (C6 to C40) petroleum group





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#		Determinand	L Note	Us	ser entered	l data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	9	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





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#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	0	number 4-isopropyltoluene										F	
68		,	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
69		1,4-dichlorobenzen	ie; p-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
09		602-035-00-2	203-400-5	106-46-7		<0.1	mig/kg		<0.1	mig/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
			203-209-7	104-51-8									
71		1,2-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			202-425-9	95-50-1									
72		1,2-dibromo-3-chloropropane				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		602-021-00-6	202-479-3	96-12-8									
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-087-00-6	204-428-0	120-82-1		10			1011		10.00001 70		1202
74	Θ	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			201-765-5	87-68-3		10			1011		10.00001 70		1202
75	0	1,2,3-trichlorobenz	ene			<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
			201-757-1	87-61-6		40.1			70.1		40.0000170		
76	0					<0.036	mg/kg		<0.036	mg/kg	<0.000036 %		<lod< td=""></lod<>
L		602-039-00-4 215-648-1 1336-36-3				13.000				9/109	10.0000000 /0		
		02-039-00-4 213-040-1  1330-30-3								Total:	1.488 %		

Kev	

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code:

BH45 Chapter:
Sample Depth:

0.55 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
1		Denzene 200-753-7 71-43-2				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		oluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	athy the angene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		603-181-00-X 216-653-1  1634-04-4								Total:	0.00006 %	H	

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection







in the List of Waste

## Sample details

Sample name: LoW Code: BH45[2] Chapter:

Sample Depth:

7.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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		Note	User entered data	Conv.	Compound conc.	Classification value		nc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC/	Useu
				•				Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code:
BH45A Chapter:
Sample Depth:
1.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		99.7	mg/kg	1.32	131.636	mg/kg	0.0132 %		
2	4	boron { diboron tric		1303-86-2		17.4	mg/kg	3.22	56.026	mg/kg	0.0056 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.0947	mg/kg	1.142	0.108	mg/kg	0.0000108 %		
4	4	chromium in chrom		ls { • 1308-38-9		36.9	mg/kg	1.462	53.931	mg/kg	0.00539 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		73.8	mg/kg	1.126	83.091	mg/kg	0.00831 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		28500	mg/kg	1.43	40747.728	mg/kg	4.075 %		
8	*	lead {			1	40.2	mg/kg		40.2	mg/kg	0.00402 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	-	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		47	mg/kg	2.637	123.924	mg/kg	0.0124 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.5	mg/kg	1.405	2.108	mg/kg	0.000211 %		
12	4		nadium pentaoxide	9; vanadium		97.2	mg/kg	1.785	173.52	mg/kg	0.0174 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		56.5	mg/kg	2.469	139.515	mg/kg	0.014 %		
14	0	рН		РН		9.95	рН		9.95	рН	9.95 pH		



_	Determinand				_						_	
#					Note	User entered data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		1 4515.			14.40	MC	0000
15	<b>4</b>	cyanides { salts exception of completerricyanides and m specified elsewhere	ex cyanides such a nercuric oxycyanide	as ferrocyanides,		<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5										
16	0	TPH (C6 to C40) p	etroleum group	TOU	4	<35 mg/kg	1	<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene		TPH		.0.40 mg//sa		-0.40		-0.000048.8/		.1.00
17			200-753-7	71-43-2	1	<0.18 mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14 mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08 mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		vo.oo mg/ng		10.00		40.000000 70		1205
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4 mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X	- , ,	1634-04-4		<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene	210-055-1	1034-04-4	t							
22		·	202-049-5	91-20-3	-	<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	005.047.4			<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	+							
24	Ŭ	·	201-469-6	83-32-9	-	<0.008 mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				-0.01 ma/ka		-0.01	ma/ka	-0.000001.9/		4LOD
25			201-695-5	86-73-7		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene		100 10 7		<0.016 mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
		fluoranthene	204-371-1	120-12-7	+							
28	0		205-912-4	206-44-0	-	<0.017 mg/kg	1	<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
		pyrene	200 012 1	200 11 0	+							
29			204-927-3	129-00-0	+	<0.015 mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
20		benzo[a]anthracen	e			0.044		0.044		0.0000044.0/		1.00
30			200-280-6	56-55-3	1	<0.014 mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218 01 0		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		benzo[b]fluoranthe		218-01-9	+							
32			205-911-9	205-99-2	-	<0.015 mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
_		benzo[k]fluoranther		F	+							
33			205-916-6	207-08-9	1	<0.014 mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
2.4		benzo[a]pyrene; be				-0.045		.0.045	m ~ /!	40.000004F.04		100
34			200-028-5	50-32-8	1	<0.015 mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre		102 30 5		<0.018 mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
		dibenz[a,h]anthrace	205-893-2 ene	193-39-5	+							
36			200-181-8	53-70-3	+	<0.023 mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	Θ	benzo[ghi]perylene	)			<0.024 mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
			205-883-8	191-24-2	1	5.119	-					
38		phenol	boo oss =	400.05.3		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			203-632-7	108-95-2	+							
39	Θ		203-458-1,	107-06-2, 75-34-3	3	<0.16 mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
			200-863-5	<u> </u>	+							
40	0	2,2-dichloropropan	e 209-832-0	594-20-7	-	<0.2 mg/kg	1	<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			203-002-0	007-20-1								





=			_					_		$\overline{}$	
#		Determinand	CLP Note	User entere	d data	Conv. Factor	Compound cond	i.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLP			1 actor			value	MC,	Oseu
41	9	bromochloromethane 200-826-3 74-97-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane         602-006-00-4         200-663-8         67-66-3		<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
43		<b>1,1,1-trichloroethane</b> ; methyl chloroform 602-013-00-2 200-756-3 71-55-6		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride         602-012-00-7       203-458-1       107-06-2		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9   201-167-4   79-01-6		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride         602-020-00-0       201-152-2       78-87-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane           602-003-00-8         200-824-2         74-95-3		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
50	9	bromodichloromethane 200-856-7 75-27-4		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]       602-030-00-5     208-826-5 [1]     542-75-6 [1]       233-195-8 [2]     10061-01-5 [2]		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
54	0	<b>1,3-dichloropropane</b> 205-531-3   142-28-9		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane         204-704-0         124-48-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane       602-010-00-6     203-444-5     106-93-4		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene         203-628-5         108-90-7		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene           601-026-00-0         202-851-5         100-42-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene           602-060-00-9         203-623-8         108-86-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	$\perp$	<0.32	mg/kg		<0.32 mg	/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
64		246-698-2 [4] 25168-05-2 [4] mesitylene; 1,3,5-trimethylbenzene	+	<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
65	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	7	<0.28	mg/kg			/kg	<0.000028 %		<lod< td=""></lod<>
66		202-632-4 98-06-6 1,2,4-trimethylbenzene	-	<0.18	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
67	0	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene	+	<0.2	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
0,		205-227-0   135-98-8		VU.Z	ilig/kg		-0.2 mg	, ng	10.0000Z /0	L	LOD





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6		96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		602-021-00-6   202-479-3   96-12-8   1,2,4-trichlorobenzene   602-087-00-6   204-428-0   120-82-1				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	9	hexachlorobutadien	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>	
										Total:	4.16 %		

K	ey

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code:

BH45A[2] Chapter:
Sample Depth:

6.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		15.2	mg/kg	1.32	20.069	mg/kg	0.00201 %		
2	4	boron { diboron tric	1	1303-86-2		1.68	mg/kg	3.22	5.409	mg/kg	0.000541 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		1.48	mg/kg	1.142	1.691	mg/kg	0.000169 %		
4	4		nium(III) compound			36	mg/kg	1.462	52.616	mg/kg	0.00526 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				42.5	mg/kg	1.126	47.85	mg/kg	0.00479 %		
7	4	iron { • iron (III) o		1309-37-1		40100	mg/kg	1.43	57332.768	mg/kg	5.733 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the exc	ception of those	1	200	mg/kg		200	mg/kg	0.02 %		
9	4	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4		41.4	mg/kg	2.637	109.159	mg/kg	0.0109 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	æ	vanadium { • divapentoxide }				62.3	mg/kg	1.785	111.217	mg/kg	0.0111 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	246	mg/kg	2.469	607.447	mg/kg	0.0607 %		
14	0	рН		PH		6.93	рН		6.93	рН	6.93 pH		





					_	1							
#			Note	User entere	d data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used		
		EU CLP index number	EC Number	CAS Number	CLP			. doto.			14.40	MC	
15	*	cyanides { salts exception of completerricyanides and magnetised elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			atralaum araun		+							Н	
16	0	TPH (C6 to C40) pe	etroieum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene			1								
18			203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	203-020-9			<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4									
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2 202-049-5 91-20-3										Н	
23	0	acenaphthylene	005 047 4	000 00 0	4	<0.012	mg/kg		< 0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		205-917-1 208-96-8			+							Н	
24	0	acenaphthene			4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			201-695-5	86-73-7									_
26	0	phenanthrene	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	205-912-4	206-44-0		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
			204-927-3	129-00-0	1	.5.5.5	9'9		.,,,,,,			Ш	
30		benzo[a]anthracene	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranther	ne			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		601-034-00-4 205-911-9 205-99-2											
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	nzo[def]chrysene	,		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			601-032-00-3 200-028-5 50-32-8										
35	0	indeno[123-cd]pyre	ne 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		604-001-00-2	203-632-7	108-95-2								$\vdash$	
										Total:	5.853 %	$\perp$	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: **BH47** Chapter: Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	æ	number  arsenic { arsenic trioxide }		8.55	mg/kg	1.32	11.289	mg/kg	0.00113 %	_	
Ľ	Ĭ	033-003-00-0 215-481-4 1327-53-3		0.55	ilig/kg	1.32	11.209	ilig/kg	0.00113 %		
2	4	boron { diboron trioxide; boric oxide } 005-008-00-8		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	_	005-008-00-8 215-125-8 1303-86-2 cadmium { cadmium oxide }	+								
3	4	048-002-00-0 215-146-2 1306-19-0	_	0.495	mg/kg	1.142	0.565	mg/kg	0.0000565 %		
4	æ	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		13.5	mg/kg	1.462	19.731	mg/kg	0.00197 %		
5	æ	215-160-9   1308-38-9   chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0									
6	4	copper { dicopper oxide; copper (I) oxide }   029-002-00-X   215-270-7   1317-39-1		28.5	mg/kg	1.126	32.088	mg/kg	0.00321 %		
7	4	iron { • iron (III) oxide }		19800	mg/kg	1.43	28308.948	mg/kg	2.831 %		
'		215-168-2   1309-37-1		13000	mg/kg	1.40		mg/kg	2.001 /0		
8	æ <b>\$</b>	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	61.7	mg/kg		61.7	mg/kg	0.00617 %		
9	æ	mercury { mercury dichloride }		0.168	ma/ka	1.353	0.227	ma/ka	0.0000227 %		
9	•	080-010-00-X 231-299-8 7487-94-7		0.100	mg/kg	1.333	0.221	mg/kg	0.0000227 %		
10	4	nickel { nickel sulfate } 028-009-00-5		18.8	mg/kg	2.637	49.57	mg/kg	0.00496 %		
11	æ	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
_		034-002-00-8	_								
12	4	vanadium {		22.2	mg/kg	1.785	39.631	mg/kg	0.00396 %		
		023-001-00-8 215-239-8 1314-62-1									
1.0		zinc { zinc sulphate }		00		0.400			0.0007.0/		
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		96	mg/kg	2.469	237.052	mg/kg	0.0237 %		
14	0	pH PH		7.93	рН		7.93	рН	7.93 pH		





		Determinand						Conv.	Compound conc.		Classification		Conc. Not
#		EU CLP index		CLP Note	User entered data		Factor	value			MC Applied	Used	
15		cyanides { salts exception of complete ferricyanides and in specified elsewhere 006-007-00-5	lex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
		TPH (C6 to C40) p	etroleum aroun		+							Н	
16		, , , ,	Guoloum group	TPH	1	<35	mg/kg		<35	mg/kg	<0.0035 %	Ц	<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		toluene	200-133-1	11-40-2	+				<u> </u>				
18		601-021-00-3	·		-	<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
40	8	ethylbenzene		1.00 00 0		0.004			0.004	//	0.000004.0/	П	
19		601-023-00-4	202-849-4	100-41-4	1	<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	П	<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3	+				<u> </u>				
23	0	acenaphthylene	005 047 4	boo oc o	4	0.0613	mg/kg		0.0613	mg/kg	0.00000613 %		
		205-917-1 208-96-8 acenaphthene										Н	
24	0	acenaprimene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.136	mg/kg		0.136	mg/kg	0.0000136 %		
	0	anthracene	201-301-3	p3-01-0	+								
27	Ĭ.		204-371-1	120-12-7	-	0.0445	mg/kg		0.0445	mg/kg	0.00000445 %		
28	0	fluoranthene	1	1		0.491	mg/kg		0.491	mg/kg	0.0000491 %		
20			205-912-4	206-44-0		0.491	ilig/kg		0.491	ilig/kg	0.0000491 /8		
29	0	pyrene				0.441	mg/kg		0.441	mg/kg	0.0000441 %		
$\square$			204-927-3	129-00-0	1							Н	
30	l L	benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3	-	0.324	mg/kg		0.324	mg/kg	0.0000324 %		
	H	chrysene		P3 00 0	$\dagger$	2.5			2.5 :	,,	0.00000 ( -:	Н	
31		601-048-00-0	205-923-4	218-01-9	-	0.34	mg/kg		0.34	mg/kg	0.000034 %		
32	$\rightarrow$	benzo[b]fluoranthe				0.563	ma/ka		0.563	mg/kg	0.0000563 %	П	
32	$\vdash$	601-034-00-4	205-911-9	205-99-2		0.000	mg/kg		0.505	mg/kg	0.0000000 /6	Ш	
33		benzo[k]fluoranthe	ne 205-916-6	207-08-9		0.188	mg/kg	]	0.188	mg/kg	0.0000188 %		
			1		9, 1.9			٠٠٠٠		Ш			
34			penzo[a]pyrene; benzo[def]chrysene 01-032-00-3   200-028-5   50-32-8			0.386	mg/kg		0.386	mg/kg	0.0000386 %		
$\vdash\vdash$	$\vdash$		-					-		Н			
35	0	indeno[123-cd]pyrene				0.351	mg/kg		0.351	mg/kg	0.0000351 %		
$\vdash$	$\vdash$	dibenz[a,h]anthrac	+							Н			
36			-	0.0487	mg/kg		0.0487	mg/kg	0.00000487 %				
37	0	601-041-00-2				0.20	ma/ka		0.29	ma/ka	0.000029 %	П	
31			205-883-8	191-24-2	-	0.29	mg/kg		0.29	mg/kg	0.000029 70		
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\Box$			1	1						Total:	2.881 %	П	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH48 Chapter:
Sample Depth:
0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		6.52	mg/kg	1.32	8.609	mg/kg	0.000861 %		
2	4	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		1.06	mg/kg	3.22	3.413	mg/kg	0.000341 %		
3	æ\$	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.418	mg/kg	1.142	0.477	mg/kg	0.0000477 %		
4	4	chromium in chrom		ls { • 1308-38-9		3.27	mg/kg	1.462	4.779	mg/kg	0.000478 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	tide }		8.28	mg/kg	1.126	9.322	mg/kg	0.000932 %		
7	<b>4</b>	iron { • iron (III) o	xide }	1309-37-1		23800	mg/kg	1.43	34027.927	mg/kg	3.403 %		
8	4	lead {			1	12	mg/kg		12	mg/kg	0.0012 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10		nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		13.5	mg/kg	2.637	35.595	mg/kg	0.00356 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		16.4	mg/kg	1.785	29.277	mg/kg	0.00293 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		42.8	mg/kg	2.469	105.686	mg/kg	0.0106 %		
14	0	рН		РН		9.14	рН		9.14	рН	9.14 pH		



		MACDO	JIIALD										
#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number	LO Number	OAO Number	苬							ĭ	
15	<b>4</b>	cyanides { salts exception of compl ferricyanides and n specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
					-								
16	0	TPH (C6 to C40) p	etroleum group	TDU		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
				TPH	-							Н	
17		benzene	000 750 7	74.40.0		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-020-00-8	200-753-7	71-43-2	$\vdash$							Н	
18		toluene	haa aar a	400.00.0	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-			203-625-9	108-88-3	$\vdash$								
19	0	ethylbenzene	000 040 4	400 44 4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	⊬							Н	
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene		1.22.2.	T								
22		<u>'</u>	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	0	acenaphthylene				0.040			0.040		0.0000040.00		
23		. ,	205-917-1	208-96-8	1	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
0.4	0	acenaphthene	J.			0.0000			0.0000		0.000000000000		
24		•	201-469-6	83-32-9	1	0.0096	mg/kg		0.0096	mg/kg	0.000000963 %		
0.5	0	fluorene		,		0.04			0.04		0.000004.0/		1.00
25			201-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
00	0	phenanthrene		,		0.40			0.40		0.000040.00		
26		<u>·</u>	201-581-5	85-01-8	1	0.12	mg/kg		0.12	mg/kg	0.000012 %		
07	0	anthracene	J.	,		0.0070			0.0070		0.00000070.0/		
27			204-371-1	120-12-7	1	0.0278	mg/kg		0.0278	mg/kg	0.00000278 %		
	0	fluoranthene	J.	,		0.000			0.000		0.0000000.07		
28			205-912-4	206-44-0	1	0.262	mg/kg		0.262	mg/kg	0.0000262 %		
00	0	pyrene	J.	,		0.054			0.054		0.0000054.0/		
29			204-927-3	129-00-0	-	0.251	mg/kg		0.251	mg/kg	0.0000251 %		
20		benzo[a]anthracen	e	,		0.0050			0.0050		0.00000050.0/		
30			200-280-6	56-55-3	1	0.0952	mg/kg		0.0952	mg/kg	0.00000952 %		
		chrysene		,		0.405			0.405		0.0000405.0/		
31		601-048-00-0	205-923-4	218-01-9	1	0.105	mg/kg		0.105	mg/kg	0.0000105 %		
22		benzo[b]fluoranthe	ne			0.424			0.424		0.0000434.0/		
32		601-034-00-4	205-911-9	205-99-2	1	0.134	mg/kg		0.134	mg/kg	0.0000134 %		
22		benzo[k]fluoranthei	ne			0.0516			0.0516		0.00000546.0/		
33		601-036-00-5	205-916-6	207-08-9	1	0.0516	mg/kg		0.0516	mg/kg	0.00000516 %		
34		benzo[a]pyrene; be		*		0.44	ma/ka		0.44	ma/l-~	0.000011.0/	П	
34			200-028-5	50-32-8	1	0.11	mg/kg		0.11	mg/kg	0.000011 %		
35	0	indeno[123-cd]pyre	ene	*		0.106	ma/ka		0.106	ma/ka	0.0000106 %	П	
35			205-893-2	193-39-5		0.100	mg/kg		0.100	mg/kg	0.0000100 %		
36		dibenz[a,h]anthrace	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
	L	601-041-00-2	200-181-8	53-70-3		VU.UZ3	g/kg		VU.UZ3	g/kg	10.0000023 /6		\200
37	9	benzo[ghi]perylene	•			0.113	mg/kg		0.113	mg/kg	0.0000113 %		
			205-883-8	191-24-2	L	0.113	mg/kg		0.113	y/ky	0.0000113 /6		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	L	604-001-00-2	203-632-7	108-95-2	L	\U.U1	mg/kg		V0.01	mg/kg	3.000001 /6		\LUD
39	0	1,1-dichloroethane	and 1,2-dichloroet 203-458-1, 200-863-5	thane (combined)		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
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#		Determinand	CLP Note	User entere	d data	Conv. Factor	Compound cond	i.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLP			1 actor			value	MC,	Oseu
41	Θ	bromochloromethane 200-826-3 74-97-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane         602-006-00-4         200-663-8         67-66-3		<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
43		<b>1,1,1-trichloroethane</b> ; methyl chloroform 602-013-00-2 200-756-3 71-55-6		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene       602-031-00-0     209-253-3     563-58-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride         602-012-00-7       203-458-1       107-06-2		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene;         trichloroethene           602-027-00-9         201-167-4         79-01-6		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride         602-020-00-0       201-152-2       78-87-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane           602-003-00-8         200-824-2         74-95-3		<0.18	mg/kg		<0.18 mg	/kg	<0.000018 %		<lod< td=""></lod<>
50	9	bromodichloromethane 200-856-7 75-27-4		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]       602-030-00-5     208-826-5 [1]     542-75-6 [1]       233-195-8 [2]     10061-01-5 [2]		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichloropropene 431-460-4 10061-02-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
54	0	<b>1,3-dichloropropane</b> 205-531-3   142-28-9		<0.14	mg/kg		<0.14 mg	/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane         204-704-0         124-48-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane       602-010-00-6     203-444-5     106-93-4		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene         203-628-5         108-90-7		<0.1	mg/kg		<0.1 mg	/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene           601-026-00-0         202-851-5         100-42-5		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene           602-060-00-9         203-623-8         108-86-1		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane       602-062-00-X     202-486-1     96-18-4	1	<0.32	mg/kg		<0.32 mg	/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2	mg/kg		<0.2 mg	/kg	<0.00002 %		<lod< td=""></lod<>
64		246-698-2 [4] 25168-05-2 [4] mesitylene; 1,3,5-trimethylbenzene	+	<0.16	mg/kg		<0.16 mg	/kg	<0.000016 %		<lod< td=""></lod<>
65	_	601-025-00-5 203-604-4 108-67-8 tert-butylbenzene	7	<0.28	mg/kg			/kg	<0.000028 %		<lod< td=""></lod<>
66		202-632-4 98-06-6 1,2,4-trimethylbenzene	-	<0.18	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
67	0	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene	+	<0.2	mg/kg			/kg /kg	<0.000018 %		<lod< td=""></lod<>
0,		205-227-0   135-98-8		VU.Z	ilig/kg		-0.2 mg	, ng	10.0000Z /0	L	LOD





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	opropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
74	9	hexachlorobutadiene	e 201-765-5	87-68-3		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
75	9	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	3.429 %		

ł	(6	9)

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





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
BH49 Chapter:
Sample Depth:
0.1 m Entry:

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

### **Hazard properties**

None identified

## **Determinands**

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

#	#		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor			MC /	Oseu
								Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: BH49[2] Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		6.1	mg/kg	1.32	8.054	mg/kg	0.000805 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.173	mg/kg	1.142	0.198	mg/kg	0.0000198 %		
4	<b>₫</b>	chromium in chrom		ls { • 1308-38-9		16.2	mg/kg	1.462	23.677	mg/kg	0.00237 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	(ide }		11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		22000	mg/kg	1.43	31454.386	mg/kg	3.145 %		
8	æ	lead { lead compospecified elsewher			1	15.3	mg/kg		15.3	mg/kg	0.00153 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		20.1	mg/kg	2.637	52.997	mg/kg	0.0053 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62.1	mg/kg	2.469	153.343	mg/kg	0.0153 %		
14	0	рН		PH		9.01	рН		9.01	рН	9.01 pH		





#		Dete	erminand		CLP Note	User entered	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index EC number	Number	CAS Number	CLP			Factor			value	MC A	Used
15	₫,	cyanides { salts of hydromexception of complex cyar ferricyanides and mercuric specified elsewhere in this	nides such a	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5											
16	0	TPH (C6 to C40) petroleur	m group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-75	53-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-62	25-9	108-88-3	_	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4 202-84	19-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		xylene 601-022-00-9 203-39 203-57 215-53	)6-5 [2] '6-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MT 2-methoxy-2-methylpropar 603-181-00-X 216-65	ne	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2 202-04		91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene		208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene		83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene		86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene 201-58	31-5	85-01-8		0.0202	mg/kg		0.0202	mg/kg	0.00000202 %		
27	0	anthracene 204-37	71-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene 205-91	2-4	206-44-0		0.0601	mg/kg		0.0601	mg/kg	0.00000601 %		
29	0	pyrene 204-92	27-3	129-00-0		0.0537	mg/kg		0.0537	mg/kg	0.00000537 %		
30		benzo[a]anthracene 601-033-00-9 200-28	80-6	56-55-3		0.0361	mg/kg		0.0361	mg/kg	0.00000361 %		
31		chrysene 601-048-00-0 205-92	23-4	218-01-9		0.0391	mg/kg		0.0391	mg/kg	0.00000391 %		
32		benzo[b]fluoranthene 601-034-00-4 205-91		205-99-2		0.0489	mg/kg		0.0489	mg/kg	0.00000489 %		
33		benzo[k]fluoranthene 601-036-00-5 205-91		207-08-9		0.0175	mg/kg		0.0175	mg/kg	0.00000175 %		
34		benzo[a]pyrene; benzo[de 601-032-00-3 200-02	f]chrysene	50-32-8		0.0362	mg/kg		0.0362	mg/kg	0.00000362 %		
35	0	indeno[123-cd]pyrene		193-39-5		0.0307	mg/kg		0.0307	mg/kg	0.00000307 %		
36		dibenz[a,h]anthracene 601-041-00-2 200-18		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene 205-88		191-24-2		0.0316	mg/kg		0.0316	mg/kg	0.00000316 %		
38		phenol 203-68 604-001-00-2 203-63		108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	Г	<lod< td=""></lod<>
	_		1100-90-2	_					Total:	3.181 %			





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:

BH51 Chapter:
Sample Depth:

Sample Depth: from contaminated sites)

0.1 m Entry: 17 05 04 (Soil and stones)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

## **Hazard properties**

None identified

## **Determinands**

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

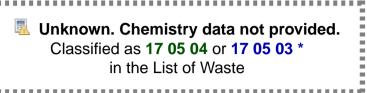
#	#		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC,	Oseu
		•						Total:	0%		

Key

User supplied data







## Sample details

Sample name: LoW Code: BH52 17: Construction and Demolition Wastes (including excavated soil Chapter: Sample Depth:

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		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		racioi			MC/	Osed
								Total:	0%		

Key

User supplied data

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17: Construction and Demolition Wastes (including excavated soil

## Classification of sample: BH53

Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste 

## Sample details

Sample name: LoW Code: BH53 Chapter: Sample Depth:

Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 0.1 m

from contaminated sites)

**Hazard properties** 

None identified

## **Determinands**

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

#	#		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC,	Oseu
		•						Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: BH53[2] Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	l data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		14.8	mg/kg	1.32	19.541	mg/kg	0.00195 %		
2	4		oxide; boric oxide } 215-125-8	1303-86-2		1.07	mg/kg	3.22	3.445	mg/kg	0.000345 %		
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.76	mg/kg	1.142	2.01	mg/kg	0.000201 %		
4	4	chromium in chrom		ds { • 1308-38-9		28.8	mg/kg	1.462	42.093	mg/kg	0.00421 %		
5	<b>4</b>	chromium in chromoxide }	J			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ\$	copper { dicopper of the dicop	oxide; copper (I) ox	kide }		32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
7	4	iron { • iron (III) o	xide } 215-168-2	1309-37-1		36500	mg/kg	1.43	52185.686	mg/kg	5.219 %		
8	<b>4</b>		ad { • lead compounds with the exception of those pecified elsewhere in this Annex (worst case) }			173	mg/kg		173	mg/kg	0.0173 %		
9	æ\$	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		38.6	mg/kg	2.637	101.776	mg/kg	0.0102 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium { • divapentoxide }		,		55.9	mg/kg	1.785	99.792	mg/kg	0.00998 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		257	mg/kg	2.469	634.609	mg/kg	0.0635 %		
14	0	рН		PH		7.8	рН		7.8	рН	7.8 pH		





#		CLP Note	User entered	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not			
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15		cyanides { salts exception of complete ferricyanides and name specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	-	006-007-00-5			-							Н	
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	6	601-021-00-3	203-625-9	108-88-3		401.1							
19		ethylbenzene 601-023-00-4	202-849-4	100-41-4	_	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20	Ē	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	/lpropane	14004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
-	_		202-049-5	91-20-3	+							Н	
23	0	acenaphthylene	DOE 047.4	000.00.0	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	205-917-1	208-96-8		0.0127	mg/kg		0.0127	mg/kg	0.00000127 %		
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-695-5	86-73-7		0.201	mg/kg		0.201	mg/kg	0.0000201 %		
_	4		201-581-5	85-01-8	-								
27	0	anthracene	204-371-1	120-12-7		0.0534	mg/kg		0.0534	mg/kg	0.00000534 %		
28	0	fluoranthene				0.633	mg/kg		0.633	mg/kg	0.0000633 %		
29	0	pyrene	205-912-4	206-44-0		0.58	mg/kg		0.58	mg/kg	0.000058 %		
23			204-927-3	129-00-0		0.50	ilig/kg		0.50	mg/kg	0.000030 /6		
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.315	mg/kg		0.315	mg/kg	0.0000315 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.331	mg/kg		0.331	mg/kg	0.0000331 %		
32		benzo[b]fluoranthe	ne		T	0.42	mg/kg		0.42	mg/kg	0.000042 %		
$\vdash$	-		205-911-9	205-99-2	+							H	
33		benzo[k]fluoranthe		007.00.0		0.16	mg/kg		0.16	mg/kg	0.000016 %		
34	Ì	benzo[a]pyrene; be		207-08-9		0.304	mg/kg		0.304	mg/kg	0.0000304 %		
	$\rightarrow$		200-028-5	50-32-8	+							Н	
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.253	mg/kg		0.253	mg/kg	0.0000253 %		
36		dibenz[a,h]anthrac	ene			0.0462	mg/kg		0.0462	ma/ka	0.00000462 %		
	_		200-181-8	53-70-3	1		J			J		Щ	
37	Θ	benzo[ghi]perylene	205-883-8	191-24-2	-	0.222	mg/kg		0.222	mg/kg	0.0000222 %		
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			1	1						Total:	5.334 %	П	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH54 Chapter:
Sample Depth:
0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		10.9	mg/kg	1.32	14.392	mg/kg	0.00144 %		
2	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	æ	cadmium { cadmiu		1000 00 2	t				1.510		2 2221 7 24		
3	~	048-002-00-0	215-146-2	1306-19-0	1	1.35	mg/kg	1.142	1.542	mg/kg	0.000154 %		
4	4	chromium in chron	, , ,			18.6	mg/kg	1.462	27.185	mg/kg	0.00272 %		
-		alana antiona dia alana	215-160-9	1308-38-9	H								
5	4	oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
		024-001-00-0	215-607-8	1333-82-0	-								
6	€	029-002-00-X	oxide; copper (I) ox 215-270-7	1317-39-1	-	24.8	mg/kg	1.126	27.922	mg/kg	0.00279 %		
7	4	iron (III) oxide }  215-168-2   1309-37-1		4000 07 4		23000	mg/kg	1.43	32884.131	mg/kg	3.288 %		
8	4		215-168-2 [1309-37-1] ad { • lead compounds with the exception of those ecified elsewhere in this Annex (worst case) }		1	128	mg/kg		128	mg/kg	0.0128 %		
9	æ å	mercury { mercury				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
	-	080-010-00-X	231-299-8	7487-94-7	╀								
10	e <b>Ç</b>	nickel { <mark>nickel sulfa</mark> 028-009-00-5	232-104-9	7786-81-4	-	28.1	mg/kg	2.637	74.091	mg/kg	0.00741 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s	the exception of		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
	-	034-002-00-8		1	H								
12	4	vanadium { • diva pentoxide }	nadium pentaoxide	e; vanadium		35.7	mg/kg	1.785	63.731	mg/kg	0.00637 %		
		023-001-00-8	215-239-8	1314-62-1	L								,
13		zinc { zinc sulphate 030-006-00-9	e }  231-793-3 [1]	7446-19-7 [1]		163	mg/kg	2.469	402.495	mg/kg	0.0402 %		
			231-793-3 [2]	7733-02-0 [2]									
14	0	pH		РH	-	7.51	рН		7.51	pН	7.51 pH		
L				PH		7.01	Pi i		1.01	۲۰۰			



Full CLP index						$\overline{}$								
Secretary   Complex cymides such as ferrocymides, secreption of complex cymides, secrept	#					Note	User entered	d data		Compound	conc.		Applied	Conc. Not Used
Secondary   1,884				EC Number	CAS Number	CLP			- doto				MC	
TPH (C6 to C40) petroleum group	15		exception of completerricyanides and management of specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
				otroloum group		+					_		Н	
17	16	Θ	1PH (C6 t0 C40) pt	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
	17			200-753-7	71-43-2		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
18						1								
19	18			203-625-9	108-88-3	-	<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
Aylene	19	0	ethylbenzene		).		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
20				202-849-4	100-41-4	-							Н	
Column	20		601-022-00-9	203-396-5 [2] 203-576-3 [3]	106-42-3 [2] 108-38-3 [3]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
Color	21		2-methoxy-2-methy	/lpropane	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Country   Coun	22		naphthalene	l.	,		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	П	<lod< td=""></lod<>
205-917-1   208-96-8   20.002   mg/kg   20.000012   mg/kg   20.000012   mg/kg   20.000012   mg/kg   20.0000012   mg/kg   20.0000012   mg/kg   20.0000008   20.00000018   20.0000018   20.00000018   20.00000018   20.00000018   20.00000018   20.00000018   20.00000018   20.00000018   20.00000018   20.000000018   20.0000000000000000000000000000000000				202-049-5	91-20-3	+							Н	
Access of the color of the co	23	Θ	, ,	005 047 4	000 00 0	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
The property of the property				205-917-1	208-96-8	+-							Н	
Column	24	0	·	ho4 400 0	ho. oo o	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
201-695-5   86-73-7	25	0		201-469-6	83-32-9		<0.01	ma/ka		<0.01	ma/ka	<0.000001 %	Н	<lod< td=""></lod<>
201-581-5   85-01-8				201-695-5	86-73-7								Ш	
204-371-1   120-12-7   20.016   mg/kg   20.000016 %   20000016 %   20000016 %   20000016 %   20000016 %   20000016 %   200000016 %   20000016 %   20000016 %   2000000016 %   2000000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   200000016 %   2000000016 %   2000000016 %   2000000016 %   20000000000000000000000000000000000	26	0	· ·	201-581-5	85-01-8	-	0.0236	mg/kg		0.0236	mg/kg	0.00000236 %		
## State	27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
Description	28	0	fluoranthene	l .	,		0.0575	mg/kg		0.0575	mg/kg	0.00000575 %		
204-927-3   129-00-0	29	0		205-912-4	206-44-0		0.051	ma/ka		0.051	ma/ka	0.0000051 %		
Signature   Sign				204-927-3	129-00-0	1	3.00.			3.00.			Ш	
Chrysene	30				56-55-3		0.0324	mg/kg		0.0324	mg/kg	0.00000324 %		
benzo[b]fluoranthene   0.0502 mg/kg   0.0502 mg/kg   0.0000502 %     benzo[k]fluoranthene   0.0199 mg/kg   0.0199 mg/kg   0.00000502 %     benzo[k]fluoranthene   0.0199 mg/kg   0.0199 mg/kg   0.00000199 %     benzo[k]fluoranthene   0.0199 mg/kg   0.0199 mg/kg   0.00000199 %     benzo[k]fluoranthene   0.0199 mg/kg   0.0199 mg/kg   0.00000199 %     benzo[a]pyrene; benzo[def]chrysene   0.0284 mg/kg   0.0284 mg/kg   0.00000284 %     benzo[a]pyrene; benzo[def]chrysene   0.0284 mg/kg   0.0284 mg/kg   0.00000284 %     benzo[a]pyrene   0.0236 mg/kg   0.00000236 %     condition   co	31		chrysene	J.	,		0.033	mg/kg		0.033	mg/kg	0.0000033 %		
Solidaria   Soli	32		benzo[b]fluoranthe	ne	,		0.0502	mg/kg		0.0502	mg/kg	0.00000502 %	П	
Solution		$\vdash$			205-99-2	+							Н	
0.0284 mg/kg   0.00000284 mg/kg   0.00000284 mg/kg   0.00000284 mg/kg   0.00000284 mg/kg   0.00000284 mg/kg   0.00000236 mg/k	33				207-08-9		0.0199	mg/kg		0.0199	mg/kg	0.00000199 %		
indeno[123-cd]pyrene	34				50-32-8		0.0284	mg/kg		0.0284	mg/kg	0.00000284 %		
205-893-2   193-39-5					00-02-0	+							$\vdash$	
37 benzo[ghi]perylene	35	0			193-39-5		0.0236	mg/kg		0.0236	mg/kg	0.00000236 %	Ш	
benzo[ghi]perylene	36				53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
38 phenol control cont	37	0	benzo[ghi]perylene	)			<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
604-001-00-2 203-632-7 108-95-2	38					<0.01	ma/ka		<0.01	ma/ka	<0.000001 %		<lod< td=""></lod<>	
Total: 3.367 %	-50		604-001-00-2	4-001-00-2 203-632-7 108-95-2			.5.01	9/119			9/119		Ш	
											Total:	3.367 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: BH55 Chapter: Sample Depth:

0.1 m Entry:

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

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		15.8	mg/kg	1.32	20.861	mg/kg	0.00209 %		
2	4	boron { diboron tric				1.34	mg/kg	3.22	4.315	mg/kg	0.000431 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.53	mg/kg	1.142	1.748	mg/kg	0.000175 %		
4	æ <b>\$</b>	chromium in chrom		ls { • 1308-38-9		32.5	mg/kg	1.462	47.501	mg/kg	0.00475 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		38.4	mg/kg	1.126	43.234	mg/kg	0.00432 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		39500	mg/kg	1.43	56474.921	mg/kg	5.647 %		
8	æ		215-168-2   1309-37-1  d { • lead compounds with the exception of those cified elsewhere in this Annex (worst case) }			173	mg/kg		173	mg/kg	0.0173 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.374	mg/kg	1.353	0.506	mg/kg	0.0000506 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		38.3	mg/kg	2.637	100.985	mg/kg	0.0101 %		
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				60.1	mg/kg	1.785	107.29	mg/kg	0.0107 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		297	mg/kg	2.469	733.381	mg/kg	0.0733 %		
14	0	pH		PH		6.06	рН		6.06	рН	6.06 pH		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor	•		value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of complete ferricyanides and in specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5											
16	Θ	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	_	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		30.11				g/kg			
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	_	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	/lpropane	14004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
-		601-052-00-2	202-049-5	91-20-3	+								
23	0	acenaphthylene	005 047 4	000.00.0	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	205-917-1	208-96-8	$\perp$	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-695-5	86-73-7		0.0461	mg/kg		0.0461	mg/kg	0.00000461 %		
			201-581-5	85-01-8									
27	Θ	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.126	mg/kg		0.126	mg/kg	0.0000126 %		
29	8	pyrene	205-912-4	206-44-0		0.442			0.113	m a/lea	0.0000113 %		
29			204-927-3	129-00-0	1	0.113	mg/kg		0.113	mg/kg	0.0000113 %		
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.057	mg/kg		0.057	mg/kg	0.0000057 %		
31		chrysene	ha= aaa 4			0.064	mg/kg		0.064	mg/kg	0.0000064 %		
			205-923-4	218-01-9	+							$\vdash$	
32		benzo[b]fluoranthe 601-034-00-4		205-99-2	4	0.0454	mg/kg		0.0454	mg/kg	0.00000454 %		
$\vdash$	$\vdash$		205-911-9	kno-aa-5	+								
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	207-08-9	-	0.0294	mg/kg		0.0294	mg/kg	0.00000294 %		
34		benzo[a]pyrene; be	enzo[def]chrysene		1	0.0572	mg/kg		0.0572	mg/kg	0.00000572 %		
35	0	indeno[123-cd]pyre		50-32-8		0.0434	mg/kg		0.0434	mg/kg	0.00000434 %		
		19	205-893-2	193-39-5	+					-		$\vdash$	
36		dibenz[a,h]anthrac		F0.70.0		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
-	Н		200-181-8	53-70-3	+							$\vdash$	
37	Θ	benzo[ghi]perylene	205-883-8	191-24-2	-	0.0419	mg/kg		0.0419	mg/kg	0.00000419 %		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
-		604-001-00-2	203-632-7	108-95-2						Total	5.775 %		
										Total:	J.110 70	_	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:

BH58 Chapter:
Sample Depth:

0.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		2.21	mg/kg	1.32	2.918	mg/kg	0.000292 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	æ	cadmium { cadmiu		1303-66-2	+								
3	w	048-002-00-0	215-146-2	1306-19-0	-	0.285	mg/kg	1.142	0.326	mg/kg	0.0000326 %		
4	4		nium(III) compound e (worst case) }	s {		1.98	mg/kg	1.462	2.894	mg/kg	0.000289 %		
			215-160-9	1308-38-9	-								
5	<b>4</b>	chromium in chron oxide }	. , .			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
		024-001-00-0	215-607-8	1333-82-0	-							┡	
6	4	029-002-00-X	oxide; copper (I) ox 215-270-7	1317-39-1	-	5.12	mg/kg	1.126	5.765	mg/kg	0.000576 %		
7	4	iron (III) oxide } 215-168-2   1309-37-1		14000 07.4		2490	mg/kg	1.43	3560.065	mg/kg	0.356 %		
8	4	lead { • lead com	215-168-2   1309-37-1 d { • lead compounds with the exception of those cified elsewhere in this Annex (worst case) }		1	50.2	mg/kg		50.2	mg/kg	0.00502 %		
9	æ\$	mercury { mercury				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
_		080-010-00-X	231-299-8	7487-94-7	-							L	
10	4	nickel { nickel sulfa			4	1.92	mg/kg	2.637	5.062	mg/kg	0.000506 %		
	_	028-009-00-5	232-104-9	7786-81-4					<u> </u>				
11	4	cadmium sulphose elsewhere in this A	m compounds with elenide and those s Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8											
12	₫,	vanadium {	nadium pentaoxide	e; vanadium		1.85	mg/kg	1.785	3.303	mg/kg	0.00033 %		
		23-001-00-8 215-239-8 1314-62-1					-(6)						
			nc { <mark>zinc sulphate</mark> }					100.050					
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		50.2	mg/kg	2.469	123.959	mg/kg	0.0124 %		
14	0	рН	,			9.72	рН		9.72	рН	9.72 pH		
		PH											



=	_				_							_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) po	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranther 601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34	_		200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace 601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	_	•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		<0.2 mg/kg	<0.00002 %	F	<lod< th=""></lod<>
<0.16 mg/kg	1	<0.16 mg/kg	<0.000016 %		<lod< th=""></lod<>
<0.14 mg/kg	1	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.1 mg/kg	1	<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
<0.18 mg/kg	·	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
<0.2 mg/kg	'	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.18 mg/kg	1	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
<0.14 mg/kg	'	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	•	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.14 mg/kg	1	<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	l	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.1 mg/kg	ı	<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
<0.2 mg/kg	ı	<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.2 mg/kg	ı	<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg	1	<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< th=""></lod<>
<0.2 mg/kį		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
<0.16 mg/kg	1	<0.16 mg/kg	<0.000016 %		<lod< th=""></lod<>
<0.28 mg/kg	1	<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
<0.18 mg/kg	1	<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
		<0.2 mg/kg	<0.00002 %	Н	<lod< th=""></lod<>
	<pre>&lt;0.16  mg/kg &lt;0.14  mg/kg &lt;0.2  mg/kg &lt;0.2  mg/kg &lt;0.1  mg/kg &lt;0.1  mg/kg &lt;0.18  mg/kg &lt;0.18  mg/kg &lt;0.14  mg/kg &lt;0.14  mg/kg &lt;0.2  mg/kg &lt;0.2  mg/kg &lt;0.1  mg/kg &lt;0.1  mg/kg &lt;0.2  mg/kg</pre>	<pre>&lt;0.16</pre>	<0.16       mg/kg       <0.16       mg/kg         <0.14       mg/kg       <0.14       mg/kg         <0.2       mg/kg       <0.2       mg/kg         <0.2       mg/kg       <0.2       mg/kg         <0.11       mg/kg       <0.11       mg/kg         <0.18       mg/kg       <0.18       mg/kg         <0.18       mg/kg       <0.18       mg/kg         <0.18       mg/kg       <0.14       mg/kg         <0.14       mg/kg       <0.14       mg/kg         <0.2       mg/kg       <0.2       mg/kg	<0.16         mg/kg         <0.16         mg/kg         <0.000016 %           <0.14         mg/kg         <0.14         mg/kg         <0.000016 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.01         mg/kg         <0.00001 %           <0.18         mg/kg         <0.18         mg/kg         <0.000018 %           <0.2         mg/kg         <0.18         mg/kg         <0.00002 %           <0.18         mg/kg         <0.18         mg/kg         <0.00002 %           <0.14         mg/kg         <0.014         mg/kg         <0.000018 %           <0.14         mg/kg         <0.014         mg/kg         <0.000018 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.2         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.00002 %         <0.00002 %           <0.1         mg/kg         <0.00002 %	<0.2         mg/kg         <0.2         mg/kg         <0.00002 %           <0.16         mg/kg         <0.000016 %            <0.14         mg/kg         <0.000014 %            <0.2         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00001 %            <0.18         mg/kg         <0.18         mg/kg         <0.000018 %           <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %            <0.2         mg/kg         <0.00002 %            <0.1         mg/kg         <0.00002 %





#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene		 		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
_			202-796-7	99-87-6	+								
69		1,4-dichlorobenzer 602-035-00-2	203-400-5	106-46-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	putylbenzene  203-209-7   104-51-8 2-dichlorobenzene; o-dichlorobenzene			<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzer	ne; o-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.0001 %		<lod< th=""></lod<>
		602-034-00-7	202-425-9	95-50-1		<b>30.1</b> II							
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
_		1,2,4-trichlorobenz		90-12-0									
73		602-087-00-6	204-428-0	120-82-1	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadie	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
Ľ			201-765-5	87-68-3		30.1			70.1		40.00001 70		1200
75	0	1,2,3-trichlorobenz				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< th=""></lod<>
_			201-757-1	87-61-6	+								
76	•	polychlorobiphenyl		1336 36 3		<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< th=""></lod<>
	_	602-039-00-4 215-648-1 1336-36-3								Total:	0.381 %		

k	(	e	/	/

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
BH60 Chapter:
Sample Depth:
0.3 m Entry:

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

### **Hazard properties**

None identified

## **Determinands**

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

#	<i>‡</i>		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
								Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: **BH61** Chapter: Sample Depth:

1.3 m Entry:

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

03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		16.6	mg/kg	1.32	21.917	mg/kg	0.00219 %		
2	æ\$		oxide; boric oxide } 215-125-8			<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ\$	cadmium { cadmiu	m oxide } 215-146-2	1306-19-0		2.17	mg/kg	1.142	2.479	mg/kg	0.000248 %		
4	4	chromium in chrom		ls { • 1308-38-9		24.3	mg/kg	1.462	35.516	mg/kg	0.00355 %		
5	<b>4</b>	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ\$	copper { dicopper of the dicop	oxide; copper (I) ox 215-270-7	ride }		25.8	mg/kg	1.126	29.048	mg/kg	0.0029 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		20800	mg/kg	1.43	29738.692	mg/kg	2.974 %		
8	4		1 { • lead compounds with the exception of those cified elsewhere in this Annex (worst case) }			46.1	mg/kg		46.1	mg/kg	0.00461 %		
9	æ\$	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ\$	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		40.6	mg/kg	2.637	107.049	mg/kg	0.0107 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • divapentoxide }				51	mg/kg	1.785	91.044	mg/kg	0.0091 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		347	mg/kg	2.469	856.846	mg/kg	0.0857 %		
14	0	рН		PH		7.86	рН		7.86	рН	7.86 pH		





					Τ							70	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF							MC	
15	<b>4</b>	cyanides { salts exception of compl ferricyanides and r specified elsewher 006-007-00-5	lex cyanides such mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) p	otroloum group									Н	
16	0	, , , , , ,	letroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene	looo === =			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		601-020-00-8	200-753-7	71-43-2	+				<u> </u>			Н	
18		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		ethylbenzene	203-023-9	100-00-3	+							Н	
19		601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene										П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		naphthalene	210-053-1	1634-04-4	+				<u></u>			Н	
22		601-052-00-2	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	0	acenaphthylene	F02 0 10 0	01200								Н	
23	ľ		205-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	1	,		<0.008	ma/ka		<0.008	ma/ka	<0.0000008 %	П	<lod< td=""></lod<>
24			201-469-6	83-32-9		<0.000	mg/kg		<u> </u>	mg/kg	<0.0000008 /8		\LOD
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
		fluoranthene	204-37 1-1	120-12-7	+							Н	
28	9	naoraninono	205-912-4	206-44-0	-	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
20	0	pyrene	1			-0.015			-0.045	m a/lea	-0.0000015.0/	П	.1.00
29			204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	1	1	$\top$	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
<u> </u>		601-048-00-0	205-923-4	218-01-9	1	30.01			30.01	9/1/9		Ш	
32		benzo[b]fluoranthe				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		601-034-00-4	205-911-9	205-99-2	+							Н	
33		benzo[k]fluoranthe		007.00.0		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
_	$\vdash$	601-036-00-5 benzo[a]pyrene; be	205-916-6	207-08-9	+							Н	
34			200-028-5	50-32-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	1	indeno[123-cd]pyre		P3 02 0		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
33			205-893-2	193-39-5		\U.U10	mg/kg		<b>VO.010</b>	mg/kg	~0.0000010 /6		\LUD
36		dibenz[a,h]anthrac	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
<u>_</u>	6	benzo[ghi]perylene	1	po 10 0	$\dagger$							Н	
37	j	- 2o[8]bo! \io	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	ш	00-1-00 1-00 <b>-</b> 2	200-002*1	100-30-2						Total:	3.097 %	Н	
										ioial.	3.001 /0	Щ	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH62 Chapter:
Sample Depth:
0.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		10.3	mg/kg	1.32	13.599	mg/kg	0.00136 %		
2	4	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		1.14	mg/kg	3.22	3.671	mg/kg	0.000367 %		
3	æ\$	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.823	mg/kg	1.142	0.94	mg/kg	0.000094 %		
4	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				22.6	mg/kg	1.462	33.031	mg/kg	0.0033 %		
5	4					<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	tide }		37	mg/kg	1.126	41.658	mg/kg	0.00417 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		25200	mg/kg	1.43	36029.57	mg/kg	3.603 %		
8	4		lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			72.9	mg/kg		72.9	mg/kg	0.00729 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.166	mg/kg	1.353	0.225	mg/kg	0.0000225 %		
10		nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		30.7	mg/kg	2.637	80.946	mg/kg	0.00809 %		
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		33.6	mg/kg	1.785	59.982	mg/kg	0.006 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		124	mg/kg	2.469	306.193	mg/kg	0.0306 %		
14	0	pН		РН		7.46	рН		7.46	рН	7.46 pH		





Т	_	MACDO			_			1					
#			Determinand		Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	4	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< td=""></lod<>
	-		atralaum araun		+							Н	
16	0	TPH (C6 to C40) pe	etroieum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		toluene			1								
18			203-625-9	108-88-3	+	<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %	Ш	<lod< td=""></lod<>
19	Θ	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
	4		202-849-4	100-41-4	+							Н	
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
22		naphthalene				0.0125	mg/kg		0.0125	mg/kg	0.00000125 %		
_	4		202-049-5	91-20-3	+							Н	
23	0	acenaphthylene	005 047 4	000 00 0	4	0.0238	mg/kg		0.0238	mg/kg	0.00000238 %		
	4		205-917-1	208-96-8	+-							Н	
24	0	acenaphthene	004 400 0	00.00.0	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %	Ш	<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			201-695-5	86-73-7									
26	0	phenanthrene	201-581-5	85-01-8	-	0.0594	mg/kg		0.0594	mg/kg	0.00000594 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.172	mg/kg		0.172	mg/kg	0.0000172 %		
29 '	0	pyrene	205-912-4	206-44-0		0.156	mg/kg		0.156	mg/kg	0.0000156 %		
			204-927-3	129-00-0	1	0.100			5.100	ə, <b></b> .ə		Ш	
30		benzo[a]anthracene	e 200-280-6	56-55-3		0.098	mg/kg		0.098	mg/kg	0.0000098 %		
31	Ì	chrysene	205-923-4	218-01-9		0.115	mg/kg		0.115	mg/kg	0.0000115 %		
32		benzo[b]fluoranther	ne			0.172	mg/kg		0.172	mg/kg	0.0000172 %		
			205-911-9	205-99-2	-							Ш	
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		0.053	mg/kg		0.053	mg/kg	0.0000053 %		
34	- 1	benzo[a]pyrene; be	nzo[def]chrysene 200-028-5	50-32-8		0.109	mg/kg		0.109	mg/kg	0.0000109 %		
	-			JU-3Z-0	+							$\vdash$	
35	0	indeno[123-cd]pyre	ne 205-893-2	193-39-5		0.0861	mg/kg		0.0861	mg/kg	0.00000861 %		
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	-	benzo[ghi]perylene				0.0969	mg/kg		0.0969	mg/kg	0.00000969 %		
30		phenol	205-883-8	191-24-2		-0.04	ma/ka		-0.04	malle	<0.000004.0/		-1 OD
38		•	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	Ш	<lod< td=""></lod<>
										Total:	3.668 %	_	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: **BH63** Chapter: Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	licar antarad data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		7.05	mg/kg	1.32	9.308	mg/kg	0.000931 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.261	mg/kg	1.142	0.298	mg/kg	0.0000298 %		
4	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				4.82	mg/kg	1.462	7.045	mg/kg	0.000704 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		10.5	mg/kg	1.126	11.822	mg/kg	0.00118 %	Ì	
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		17900	mg/kg	1.43	25592.432	mg/kg	2.559 %		
8	æ	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21.9	mg/kg		21.9	mg/kg	0.00219 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		14.1	mg/kg	2.637	37.177	mg/kg	0.00372 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				15.8	mg/kg	1.785	28.206	mg/kg	0.00282 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		56.5	mg/kg	2.469	139.515	mg/kg	0.014 %		
14	0	pH		PH		7.32	рН		7.32	рН	7.32 pH		





			ote					Gleadigation					
#	,	EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	æ	number	() (	11. 24. 4	ō							Σ	
15	*	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< td=""></lod<>	
		006-007-00-5			-							Н	
16	Θ	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene			+								
18		601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	200 020 0	100 00 0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	П	<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		<b>VO.00</b>				mg/kg	<b>40.000000</b> 70		\LOD
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	210-033-1	1034-04-4	$\dagger$	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	Н	<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3		<b>VO.003</b>	mg/kg		<b>~0.003</b>	mg/kg	<0.0000000 70		LOD
23	0	acenaphthylene				0.0172	mg/kg		0.0172	mg/kg	0.00000172 %		
23			205-917-1	208-96-8	1	0.0172			0.0172	ilig/kg	0.00000172 /8	Ш	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8	4	0.119	mg/kg		0.119	mg/kg	0.0000119 %		
	0	anthracene	201-301-3	p3-01-0	+							Н	
27			204-371-1	120-12-7		0.0254	mg/kg		0.0254	mg/kg	0.00000254 %		
28	0	fluoranthene	205-912-4	206-44-0	_	0.253	mg/kg		0.253	mg/kg	0.0000253 %		
		pyrene	F-00-01-2							_			
29	_	F7.5.15	204-927-3	129-00-0		0.217	mg/kg		0.217	mg/kg	0.0000217 %		
30	П	benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.119	mg/kg		0.119	mg/kg	0.0000119 %		
31	$\vdash$	chrysene	F-00-200 <b>-</b> 0	μυ-υυ <b>-</b> υ	$\dagger$	0.119	ma/ka		0.110	ma/ka	0.0000110.9/	H	
ادا		601-048-00-0	205-923-4	218-01-9	1	0.119	mg/kg		0.119	mg/kg	0.0000119 %		
32		benzo[b]fluoranthe				0.123	mg/kg		0.123	mg/kg	0.0000123 %		
	Ш	601-034-00-4	205-911-9	205-99-2	$\perp$							Ш	
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	b07.09.0	4	0.0492	mg/kg		0.0492	mg/kg	0.00000492 %		
24	H	benzo[a]pyrene; be	1	207-08-9	+	0.0000	m = // -		0.0000	m ~/I ·	0.0000000000	$\vdash$	
34		601-032-00-3   200-028-5   50-32-8				0.0966	mg/kg		0.0966	mg/kg	0.00000966 %		
35	1	indeno[123-cd]pyre	ene	1		0.0683	mg/kg		0.0683	mg/kg	0.00000683 %		
	$\vdash$	dihanzla hlanther-	205-893-2	193-39-5	+							Н	
36		dibenz[a,h]anthrac 601-041-00-2	ene 200-181-8	53-70-3	_	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	1	-0.00	$\dagger$	0.0614	ma/ka		0.0614	ma/ka	0.00000611.0/		
3/			205-883-8	191-24-2	1	0.0611	mg/kg		0.0611	mg/kg	0.00000611 %	Ш	
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	2.589 %	П	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH65 Chapter:
Sample Depth:
0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		7.54	mg/kg	1.32	9.955	mg/kg	0.000996 %		
2	4	boron { diboron tric	1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	<u> </u>	cadmium { cadmiu	1	1303-60-2	╁								
3	W.	048-002-00-0	215-146-2	1306-19-0	-	0.393	mg/kg	1.142	0.449	mg/kg	0.0000449 %		
4	4	chromium in chromium(III) compounds {				9.79	mg/kg	1.462	14.309	mg/kg	0.00143 %		
	-		215-160-9	1308-38-9	-								
5	4	oxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	-							┡	
6	4	029-002-00-X	oxide; copper (I) ox 215-270-7	1317-39-1	-	16.9	mg/kg	1.126	19.028	mg/kg	0.0019 %		
7	4	iron { iron (III) oxide }				17600	mg/kg	1.43	25163.509	mg/kg	2.516 %		
8	4	lead { lead compospecified elsewher	215-168-2   1309-37-1  ead { • lead compounds with the exception of those expecified elsewhere in this Annex (worst case) }			39.6	mg/kg		39.6	mg/kg	0.00396 %		
9	4	mercury { mercury	,			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
	_	080-010-00-X	231-299-8	7487-94-7								L	
10	ď,	nickel { nickel sulfa				14.3	mg/kg	2.637	37.705	mg/kg	0.00377 %		
	-	028-009-00-5	232-104-9	7786-81-4	-								
11	4	cadmium sulphose elsewhere in this A	m compounds with elenide and those s Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8										L	
12	4	vanadium {	nadium pentaoxide	e; vanadium		18.3	mg/kg	1.785	32.669	mg/kg	0.00327 %		
		023-001-00-8	215-239-8	1314-62-1					,				
		zinc { zinc sulphate											
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		71.8	mg/kg	2.469	177.295	mg/kg	0.0177 %		
14	0	рН	1	PH		6.7	рН		6.7	рН	6.7 pH		
				rn									



$\overline{}$	_	111710100	DNALD	· · · · · · · · · · · · · · · · · · ·				1 1			1		
#		511.01.01	Determinand		User entered d		d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF							MC	
15		cyanides { salts of exception of complete ferricyanides and managed in specified elsewhere the control of the c	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) pe	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	200-755-7	/ 1-43-2		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	Θ	601-021-00-3 ethylbenzene	203-625-9	108-88-3	1		mg/kg						
19		-	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg 	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3	_	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.0378	mg/kg		0.0378	mg/kg	0.00000378 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		0.116	mg/kg		0.116	mg/kg	0.0000116 %		
29	0	pyrene	204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
30		benzo[a]anthracene 601-033-00-9	e 200-280-6	56-55-3		0.0705	mg/kg		0.0705	mg/kg	0.00000705 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0705	mg/kg		0.0705	mg/kg	0.00000705 %		
32		benzo[b]fluoranther 601-034-00-4	ne 205-911-9	205-99-2		0.115	mg/kg		0.115	mg/kg	0.0000115 %		
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		0.0406	mg/kg		0.0406	mg/kg	0.00000406 %		
34		benzo[a]pyrene; be 601-032-00-3	nzo[def]chrysene 200-028-5	50-32-8		0.0717	mg/kg		0.0717	mg/kg	0.00000717 %		
35	0	indeno[123-cd]pyre	ne 205-893-2	193-39-5		0.0663	mg/kg		0.0663	mg/kg	0.00000663 %		
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2		0.0548	mg/kg		0.0548	mg/kg	0.00000548 %		
38		phenol	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	_									Total:	2.554 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: BH65[2]

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

### Sample details

Sample name: LoW Code: BH65[2] Chapter: Sample Depth:

0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code:
BH66 Chapter:
Sample Depth:
0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3	_	6.91	mg/kg	1.32	9.123	mg/kg	0.000912 %		
2	-	boron { diboron tric	1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
$\dashv$	æ	cadmium { cadmiu	1	1303-66-2								Н	
3	_	048-002-00-0	215-146-2	1306-19-0	-	0.451	mg/kg	1.142	0.515	mg/kg	0.0000515 %		
4	4	chromium in chrom	nium(III) compound e (worst case) }	ls {		10.5	mg/kg	1.462	15.346	mg/kg	0.00153 %		
$\dashv$			215-160-9	1308-38-9									
5		chromium in chromoxide }	. , .			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
$\dashv$		024-001-00-0	215-607-8	1333-82-0			-						
6	_	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	15.8	mg/kg	1.126	17.789	mg/kg	0.00178 %		
7	4	iron { • iron (III) o	xide }	14000 07 4		20600	mg/kg	1.43	29452.743	mg/kg	2.945 %		
8		lead {	pounds with the ex		1	26.5	mg/kg		26.5	mg/kg	0.00265 %		
9	-	mercury { mercury	· · · · · · · · · · · · · · · · · · ·			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
$\dashv$		080-010-00-X	231-299-8	7487-94-7	-								
10	_	nickel { <mark>nickel sulfa</mark> 028-009-00-5	232-104-9	7700 04 4	_	20	mg/kg	2.637	52.734	mg/kg	0.00527 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12		034-002-00-8 vanadium {	nadium pentaoxide	e; vanadium		22.3	mg/kg	1.785	39.81	mg/kg	0.00398 %		
	į	023-001-00-8	215-239-8	1314-62-1									
13	_	zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		76.5	mg/kg	2.469	188.901	mg/kg	0.0189 %		
_			231-793-3 [1]	7733-02-0 [2]	1								
14	0	рН	1	PH		7.58	рН		7.58	рН	7.58 pH		





					T							75	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	S							MC	
15	*	cyanides { salts exception of compl ferricyanides and n specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			etroloum aroun		-								
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	203-625-9	100-00-3		<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
L		601-023-00-4	202-849-4	100-41-4		40.00			40.00		10.000000 70		
20		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	l.	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
-			202-049-5	91-20-3	+							Н	
23	Θ	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	Θ	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen		129-00-0		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31		chrysene	200-280-6	56-55-3	_	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe		218-01-9		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
<u></u>			205-911-9	205-99-2	1		J J						
33		benzo[k]fluoranther	ne 205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35		indeno[123-cd]pyre		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrace		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
-		604-001-00-2	203-632-7	108-95-2						Total:	2.985 %		
				,						Total:	2.965 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: BH66[2]

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

### Sample details

Sample name: LoW Code: BH66[2] Chapter: Sample Depth:

from contaminated sites) Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05

17: Construction and Demolition Wastes (including excavated soil

03)

## **Hazard properties**

None identified

### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP01 Chapter:
Sample Depth:
0.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	*	arsenic { arsenic tr	ioxide }	1327-53-3		8.69	mg/kg	1.32	11.474	mg/kg	0.00115 %		
2	4	boron { diboron tric		1		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.509	mg/kg	1.142	0.581	mg/kg	0.0000581 %		
4	4	chromium in chrom		ls { • 1308-38-9		12.3	mg/kg	1.462	17.977	mg/kg	0.0018 %		
5	4	chromium in chromoxide }		1		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe		1		23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
7	4	iron ( iron (III) o	xide }	1309-37-1		18600	mg/kg	1.43	26593.254	mg/kg	2.659 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the ex e in this Annex (wo	ception of those prst case) }	1	61.4	mg/kg		61.4	mg/kg	0.00614 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.143	mg/kg	1.353	0.194	mg/kg	0.0000194 %		
10		nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		17	mg/kg	2.637	44.824	mg/kg	0.00448 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	vanadium {	nadium pentaoxide	e; vanadium		21.2	mg/kg	1.785	37.846	mg/kg	0.00378 %		
13	4	zinc {		7446-19-7 [1] 7733-02-0 [2]		84	mg/kg	2.469	207.421	mg/kg	0.0207 %		
14	0	pH		PH		7.51	рН		7.51	рН	7.51 pH		



15	EU CLP index number	Determinand EC Number		Note			00			01	led	
15	number cyanides { • salts	EC Number	T	Z	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
15			CAS Number	CLP							MC	
	exception of completerricyanides and management of specified elsewhere the conference of the complete	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
1		atroloum group		+					_		Н	
16	TPH (C6 to C40) pe	etroieum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17	benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	toluene			+								
18		203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	601-023-00-4	202-849-4	100-41-4									
		202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
_		202-049-5	91-20-3	+							Н	
23	acenaphthylene				0.053	mg/kg		0.053	mg/kg	0.0000053 %		
+		205-917-1	208-96-8	+							Н	
24 📳	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	Н	<lod< td=""></lod<>
		201-695-5	86-73-7		10101							,
26	phenanthrene	201-581-5	85-01-8		0.127	mg/kg		0.127	mg/kg	0.0000127 %		
27	anthracene				0.0374	mg/kg		0.0374	mg/kg	0.00000374 %		
$\rightarrow$		204-371-1	120-12-7	$\vdash$							Н	
28	fluoranthene	205-912-4	206-44-0		0.448	mg/kg		0.448	mg/kg	0.0000448 %		
29	pyrene	204 027 2	120 00 0		0.393	mg/kg		0.393	mg/kg	0.0000393 %		
30	benzo[a]anthracen		129-00-0		0.263	mg/kg		0.263	mg/kg	0.0000263 %	$\parallel$	
		200-280-6	56-55-3	$\perp$							Ш	
31	chrysene 601-048-00-0	205-923-4	218-01-9	-	0.273	mg/kg		0.273	mg/kg	0.0000273 %		
32	benzo[b]fluoranther	ne			0.434	mg/kg		0.434	mg/kg	0.0000434 %	П	
$\rightarrow$		205-911-9	205-99-2	+							$\vdash$	
33 I I	benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9	-	0.151	mg/kg		0.151	mg/kg	0.0000151 %		
34	benzo[a]pyrene; be 601-032-00-3	nzo[def]chrysene 200-028-5	50-32-8		0.278	mg/kg		0.278	mg/kg	0.0000278 %		
			JU-32-0	+							$\vdash$	
35	indeno[123-cd]pyre	ne 205-893-2	193-39-5		0.224	mg/kg		0.224	mg/kg	0.0000224 %		
36	dibenz[a,h]anthrace	ene 200-181-8	53-70-3		0.0398	mg/kg		0.0398	mg/kg	0.00000398 %		
	benzo[ghi]perylene		00-70-0	+							$\vdash$	
37		205-883-8	191-24-2		0.183	mg/kg		0.183	mg/kg	0.0000183 %		
38	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	604-001-00-2	203-632-7	108-95-2						Total:	2.705 %	H	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: TP02 Chapter: Sample Depth:

0.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		14.3	mg/kg	1.32	18.881	mg/kg	0.00189 %		
2	4	boron { diboron tric				1.25	mg/kg	3.22	4.025	mg/kg	0.000402 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.11	mg/kg	1.142	2.41	mg/kg	0.000241 %		
4	æ <b>\$</b>	chromium in chrom		ls { •		28.9	mg/kg	1.462	42.239	mg/kg	0.00422 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		37.5	mg/kg	1.126	42.221	mg/kg	0.00422 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		22800	mg/kg	1.43	32598.182	mg/kg	3.26 %		
8	æ <b>\$</b>	lead {  lead compared lead   lead   lead   lead compared lead   lead compared lead   lead compared lead   l			1	166	mg/kg		166	mg/kg	0.0166 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.737	mg/kg	1.353	0.998	mg/kg	0.0000998 %		
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		36.6	mg/kg	2.637	96.503	mg/kg	0.00965 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				46.3	mg/kg	1.785	82.654	mg/kg	0.00827 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		275	mg/kg	2.469	679.057	mg/kg	0.0679 %		
14	0	pH		PH		7.51	рН		7.51	рН	7.51 pH		





#		Determinand	CLP Note	User entered	data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
		EU CLP index number EC Number CAS Number	CLP			Factor			value	MC Appli	Usea
15	<b>4</b>	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 ı	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5	-								
16	0	TPH (C6 to C40) petroleum group		<35 ı	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-753-7 71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9 108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4 202-849-4 100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene									
20		601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]		<0.4 I	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		603-181-00-X 216-653-1 1634-04-4  naphthalene  601-052-00-2 202-049-5 91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2 202-049-5 91-20-3 acenaphthylene	+								
23	0	205-917-1 208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene 201-469-6 83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 201-695-5 86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene		0.0271	mg/kg		0.0271	mg/kg	0.00000271 %		
27	Θ	201-581-5		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %	Ė	<lod< td=""></lod<>
28	Θ	204-371-1   120-12-7   fluoranthene		0.0652	mg/kg		0.0652	mg/kg	0.00000652 %		
		205-912-4 206-44-0	-								
29	Θ	204-927-3   129-00-0	-	0.0574	mg/kg		0.0574	mg/kg	0.00000574 %		
30		benzo[a]anthracene 601-033-00-9   200-280-6   56-55-3		0.0371	mg/kg		0.0371	mg/kg	0.00000371 %		
31		chrysene 601-048-00-0 205-923-4 218-01-9		0.036	mg/kg		0.036	mg/kg	0.0000036 %		
32		benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2	T	0.05	mg/kg		0.05	mg/kg	0.000005 %		
_		benzo[k]fluoranthene	$\dagger$								1.55
33		601-036-00-5 205-916-6 207-08-9	1	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	-	0.0351 ı	mg/kg		0.0351	mg/kg	0.00000351 %		
35	0	indeno[123-cd]pyrene 205-893-2 193-39-5		0.0291	mg/kg		0.0291	mg/kg	0.00000291 %		
36		dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		0.0303	mg/kg		0.0303	mg/kg	0.00000303 %		
38		205-883-8   191-24-2   phenol		<0.01 ı	mg/kg		<0.01	mg/kg	<0.000001 %	H	<lod< td=""></lod<>
		604-001-00-2 203-632-7 108-95-2			99						
								Total:	3.377 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

### Sample details

Sample name: LoW Code:
TP02[2] Chapter:
Sample Depth:
1 m Entry:

from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

## **Hazard properties**

None identified

### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	8	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		<u>                                     </u>								Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

### Sample details

Sample name: LoW Code: TP04 Chapter: Sample Depth:

1 m Entry:

from contaminated sites)
htry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

## **Hazard properties**

None identified

### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste 

## Sample details

Sample name: LoW Code: TP05 Chapter: Sample Depth: Entry:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05

17: Construction and Demolition Wastes (including excavated soil

### **Hazard properties**

None identified

1.6 m

## **Determinands**

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

#	:		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC,	Oseu
		•						Total:	0%		

Key

User supplied data





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

### Sample details

Sample name: LoW Code: TP08 Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
4		tert-butyl methyl e 2-methoxy-2-meth 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
										Total:	0.00006 %		1

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:
TP08[2] Chapter:
Sample Depth:
1.2 m Entry:

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

### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: TP10 Chapter: Sample Depth:

0.2 m Entry:

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

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		15.6	mg/kg	1.32	20.597	mg/kg	0.00206 %		
2	4	boron { diboron tric				1.25	mg/kg	3.22	4.025	mg/kg	0.000402 %		
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.88	mg/kg	1.142	2.148	mg/kg	0.000215 %		
4	4	chromium in chrom		ls { •		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		33.3	mg/kg	1.126	37.492	mg/kg	0.00375 %	Ī	
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		35400	mg/kg	1.43	50612.967	mg/kg	5.061 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	174	mg/kg		174	mg/kg	0.0174 %		
9	~	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		35.2	mg/kg	2.637	92.811	mg/kg	0.00928 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • divapentoxide }				47.8	mg/kg	1.785	85.332	mg/kg	0.00853 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		255	mg/kg	2.469	629.671	mg/kg	0.063 %		
14	0	pH		PH		7.59	рН		7.59	рН	7.59 pH		





#   Determinand   Determinant   Determinant	/kg //kg //kg //kg		<pre>value &lt;0.000188 %  0.0048 %  &lt;0.0000009 %  &lt;0.0000004 %  &lt;0.0000002 %</pre>	MC Applied	<lod <lod="" <lod<="" th=""></lod>
15   exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }   006-007-00-5	/kg //kg //kg //kg	48 mg/kg <0.009 mg/kg <0.007 mg/kg <0.004 mg/kg	0.0048 % <0.0000009 % <0.0000007 % <0.0000004 %		<lod <lod< td=""></lod<></lod 
16 TPH (C6 to C40) petroleum group  17 benzene 601-020-00-8   200-753-7   71-43-2	l/kg l/kg l/kg	<0.009 mg/kg <0.007 mg/kg <0.004 mg/kg	<0.0000009 % <0.0000007 % <0.0000004 %		<lod< td=""></lod<>
17 benzene	l/kg l/kg l/kg	<0.009 mg/kg <0.007 mg/kg <0.004 mg/kg	<0.0000009 % <0.0000007 % <0.0000004 %		<lod< th=""></lod<>
17	l/kg //kg	<0.007 mg/kg	<0.0000007 % <0.0000004 %		<lod< td=""></lod<>
19 ethylbenzene	ı/kg	<0.004 mg/kg	<0.0000004 %		
19   ethylbenzene   200-625-9   108-88-3	ı/kg	<0.004 mg/kg	<0.0000004 %		
19   601-023-00-4   202-849-4   100-41-4	ı/kg				<lod< td=""></lod<>
20 601-022-00-9 202-422-2 [1] 95-47-6 [1] c0.02 mg/		<0.02 mg/kg	<0.000002 %		
20 203-396-5 [2] 106-42-3 [2] <0.02 mg/		<0.02 mg/kg	<0.000002 %		
203-376-3 [3] 106-36-3 [3] 215-535-7 [4] 1330-20-7 [4]	//cm				<lod< td=""></lod<>
tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane <a href="https://doi.org/10.1016/j.jps.14504.044.4">doi.org/10.1016/j.jps.14504.044.4</a> <a href="https://doi.org/10.1016/j.jps.14504.044.4">doi.org/10.1016/j.jps.14504.044.4</a> <a href="https://doi.org/10.1016/j.jps.14504.044.4">doi.org/10.1016/j.jps.14504.044.4</a> <a href="https://doi.org/10.1016/j.jps.14504.044.4">doi.org/10.1016/j.jps.14504.044.4</a> <a href="https://doi.org/10.1016/j.jps.14504.044.4">doi.org/10.1016/j.jps.14504.044.4</a>					





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0048%)





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

### Sample details

Sample name: LoW Code: TP10[2] Chapter: Sample Depth: 1 m Entry:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05

17: Construction and Demolition Wastes (including excavated soil

03)

## **Hazard properties**

None identified

### **Determinands**

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

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		0U3-101-UU-X	K10-003-1	1034-04-4						Total:	3.0e-06 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code: TP13 Chapter: Sample Depth:

0.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		1.2	mg/kg	1.32	1.584	mg/kg	0.000158 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.347	mg/kg	1.142	0.396	mg/kg	0.0000396 %		
4	4	chromium in chrom		ls { • 1308-38-9		2.93	mg/kg	1.462	4.282	mg/kg	0.000428 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper 029-002-00-X	oxide; copper (I) ox 215-270-7	(ide }		5.83	mg/kg	1.126	6.564	mg/kg	0.000656 %		
7	<b>4</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		3000	mg/kg	1.43	4289.234	mg/kg	0.429 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	4.86	mg/kg		4.86	mg/kg	0.000486 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		1.95	mg/kg	2.637	5.142	mg/kg	0.000514 %		
11		selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				3.77	mg/kg	1.785	6.73	mg/kg	0.000673 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		34.4	mg/kg	2.469	84.944	mg/kg	0.00849 %		
14	0	pH		PH		8.82	рН		8.82	рН	8.82 pH		





	П				T							ō	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	2							MC	
15	4	cyanides { salts exception of comp ferricyanides and r specified elsewher	lex cyanides such a mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	601-021-00-3 ethylbenzene	203-625-9	108-88-3		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	Н	<lod< td=""></lod<>
		601-023-00-4 xylene	202-849-4	100-41-4	+							Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-meth	ylpropane	100404		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	601-052-00-2 acenaphthylene	202-049-5	91-20-3		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8	+							Н	
24	Θ.	acenaphinene	201-469-6	83-32-9	$\frac{1}{2}$	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<lod< td=""></lod<>
28	9	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe	205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe	205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac 601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropar	1	594-20-7	+	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\overline{}$													





_		MACD	711712										
#		number bromochloromethane		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
			EC Number	CAS Number	CLP			Factor			value	MC/	Used
41	0		ne 200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		chloroform; trichlor	omethane										
42			200-663-8	67-66-3	-	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
					+							Н	
43		1,1,1-trichloroethar 602-013-00-2	ne; metnyi chiorotoi 200-756-3	rm 71-55-6	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen		563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride	e; tetrachlorometha	ane		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
_		602-008-00-5 1,2-dichloroethane	ļ	56-23-5 <b>e</b>									
46		'	203-458-1	107-06-2		<0.1	mg/kg		<0.1	mg/kg 	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; tr	richloroethene			<0.18	ma/ka		<0.18	ma/ka	<0.00018 %		<lod< td=""></lod<>
		602-027-00-9	201-167-4	79-01-6	1	<0.10	mg/kg		<u> </u>	mg/kg 	<0.000018 %		\LOD
48		1,2-dichloropropan 602-020-00-0	e; propylene dichlo 201-152-2	78-87-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	-	bromodichlorometh		r +-30-0	+								
50	0		200-856-7	75-27-4	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropen		propropene [2]									
51		602-030-00-5		542-75-6 [1] 10061-01-5 [2]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	0	trans-1,3-dichlorop	ropene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Ë			431-460-4	10061-02-6	1								
53		1,1,2-trichloroethar 602-014-00-8	ne 201-166-9	79-00-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan	e			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
_		-	205-531-3	142-28-9	+-							Н	
55	0	dibromochlorometh	ane 204-704-0	124-48-1	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1.2-dibromoethane			+								
56		,	203-444-5	106-93-4	1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1	203-628-5	108-90-7									
58	0	1,1,1,2-tetrachloroe	ethane 211-135-1	630-20-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene 601-026-00-0	202-851-5	100-42-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribrom		75-25-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene	1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	$\vdash$	1	203-623-8	108-86-1	+								
62		1,2,3-trichloropropa 602-062-00-X	ane 202-486-1	96-18-4	+	<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1]	3-chlorotoluene; [										
		4-chlorotoluene; [3]		95-49-8 [1]	-	0.0	- /I		0.0	/I	-0.00000.01		
63			203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
$\vdash$	$\vdash$	mesitylene; 1,3,5-tr		E0100-00-2 [4]	+							Н	
64			203-604-4	108-67-8	+	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
$\vdash$	$\vdash$		200-004-4	100-07-0	+							Н	
65	0	tert-butylbenzene	202-632-4	98-06-6	+	<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz		95-63-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
<u> </u>	@	sec-butylbenzene	LUZ- <del>1</del> UU-3	00-00-0	+								
67			205-227-0	135-98-8	1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			•										





#		Determinand  EU CLP index EC Number CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene 202-796-7 99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene 203-209-7 104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< th=""></lod<>
73		<b>1,2,4-trichlorobenzene</b> 602-087-00-6 204-428-0 120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	9	hexachlorobutadiene 201-765-5 87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenzene 201-757-1 87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
								Total:	0.445 %		

K	e١
	v,

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration Below limit of detection





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

### Sample details

Sample name: LoW Code: TP13[2] Chapter: Sample Depth:

0.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	d conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< th=""></lod<>
4		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		4	•	*		1				Total:	0.00006 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP27 Chapter:
Sample Depth:
0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	rioxide }	1327-53-3		17.2	mg/kg	1.32	22.71	mg/kg	0.00227 %		
2	4	boron { diboron tric 005-008-00-8	oxide; boric oxide }	1303-86-2		1.89	mg/kg	3.22	6.086	mg/kg	0.000609 %		
3	æ\$	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.03	mg/kg	1.142	2.319	mg/kg	0.000232 %		
4	4	chromium in chron	nium(III) compound e (worst case) } 215-160-9	s { •		42.6	mg/kg	1.462	62.262	mg/kg	0.00623 %		
5	4	chromium in chronoxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$		oxide; copper (I) ox	ide }  1317-39-1		53.6	mg/kg	1.126	60.348	mg/kg	0.00603 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		40600	mg/kg	1.43	58047.64	mg/kg	5.805 %		
8	4	lead { lead composed lead   lead composed lead   lead composed lead composed lead composed lead composed lead   lead composed lead composed lead   lead comp	pounds with the exc e in this Annex (wo		1	232	mg/kg		232	mg/kg	0.0232 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		0.593	mg/kg	1.353	0.803	mg/kg	0.0000803 %		
10		nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		42.5	mg/kg	2.637	112.059	mg/kg	0.0112 %		
11	<b>4</b>		m compounds with elenide and those s unnex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	pentoxide }	nadium pentaoxide			63.7	mg/kg	1.785	113.716	mg/kg	0.0114 %		
13	_	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		283	mg/kg	2.469	698.811	mg/kg	0.0699 %		
14	0	рН		PH		7.44	рН		7.44	рН	7.44 pH		



_		MACDO											
#		number  cyanides { • salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanide		Note	User entered	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
			EC Number	CAS Number	CLP							MC	
15	<b>4</b>	exception of completerricyanides and management of specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			-					_			
16	0	TPH (C6 to C40) p	etroleum group		]	<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
				TPH	-								
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		10.00			10.00		10.000000 /0		,
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	-	naphthalene	L 10-000-1	1004-04-4	+								
22		·	202-049-5	91-20-3	-	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %	П	<lod< td=""></lod<>
			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	ho4 400 0	00.00	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
			201-469-6	83-32-9	-							Н	
25	0	fluorene 201-695-5 86-73-7		-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>	
26	0	phenanthrene	J.	,		0.0651	mg/kg		0.0651	mg/kg	0.00000651 %	Н	
			201-581-5	85-01-8	-							Ш	
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.192	mg/kg		0.192	mg/kg	0.0000192 %		
			205-912-4	206-44-0								Ш	
29	0	pyrene				0.175	mg/kg		0.175	mg/kg	0.0000175 %		
			204-927-3	129-00-0								Ш	
30		benzo[a]anthracen				0.102	mg/kg		0.102	mg/kg	0.0000102 %		
Ĺ			200-280-6	56-55-3			J J			J3		Ш	
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0971	mg/kg		0.0971	mg/kg	0.00000971 %		
20		benzo[b]fluoranthe			T	0.440	m ~ /1		0.440	m ~ //	0.0000440.0/	П	
32			205-911-9	205-99-2	1	0.112	mg/kg		0.112	mg/kg	0.0000112 %		
20		benzo[k]fluoranther			T	0.0550	m ~ /1		0.0550	m ~ //	0.00000550.00	П	
33			205-916-6	207-08-9	1	0.0553	mg/kg		0.0553	mg/kg	0.00000553 %		
24		benzo[a]pyrene; be	enzo[def]chrysene			0.402	ma/ka		0.402	ma/l:~	0.0000102.0/	П	
34		601-032-00-3	200-028-5	50-32-8	1	0.103	mg/kg		0.103	mg/kg	0.0000103 %		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.073	mg/kg		0.073	mg/kg	0.0000073 %		
		dibenz[a,h]anthrace		100-00-0	+							Н	
36			200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
	_	benzo[ghi]perylene		00-10-0	+							Н	
37	0		205-883-8	191-24-2	-	0.0774	mg/kg		0.0774	mg/kg	0.00000774 %		
	-	phenol	200-000-0	131-24-2	+							$\vdash$	
38		· ·	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		1,1-dichloroethane			+							Н	
39	0		203-458-1, 200-863-5	107-06-2, 75-34-3	-	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
	_	2,2-dichloropropan		1	$\vdash$								
40	0		e 209-832-0	594-20-7	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			ZU3-03Z-U	UJ4-ZU-1									





				_			-		Т	
#		Determinand	cLP Note	201	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index		3					MC	
41	Θ	bromochloromethane   200-826-3   74-97-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3			<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6			<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9 201-167-4 79-01-6 1,2-dichloropropane; propylene dichloride			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5  dibromomethane			<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
<u>-</u>		200-856-7 [75-27-4] 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]			0.0		0.0	0.00000.0/		1.00
51		602-030-00-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane 205-531-3   142-28-9			<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32 mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]								
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16 mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
$\Box$		205-227-0 135-98-8								





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	ie; o-dichlorobenze 202-425-9	ene 95-50-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
										Total:	5.941 %		

ł	(6	9)

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

Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP32 Chapter:
Sample Depth:
0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		6.01	mg/kg	1.32	7.935	mg/kg	0.000794 %		
2	4	boron { diboron tric		1		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	1	1306-19-0		0.254	mg/kg	1.142	0.29	mg/kg	0.000029 %		
4	4	chromium in chromium(III) compounds {				5.68	mg/kg	1.462	8.302	mg/kg	0.00083 %		
5	4	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8	1308-38-9  ds {		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe		1		9.01	mg/kg	1.126	10.144	mg/kg	0.00101 %		
7	4	iron ( iron (III) o	xide }	1309-37-1		17200	mg/kg	1.43	24591.611	mg/kg	2.459 %		
8	4			1	12.6	mg/kg		12.6	mg/kg	0.00126 %			
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		14.6	mg/kg	2.637	38.496	mg/kg	0.00385 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	vanadium { diva pentoxide }	nadium pentaoxide	e; vanadium		14.7	mg/kg	1.785	26.242	mg/kg	0.00262 %		
13	4	zinc {		7446-19-7 [1] 7733-02-0 [2]		40.6	mg/kg	2.469	100.253	mg/kg	0.01 %		
14	0	pН		PH PH		8.17	рН		8.17	рН	8.17 pH		



$\overline{}$		MACDON	7122										
#		Determinand \$\frac{1}{2}\$				User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index E	EC Number	CAS Number	CLP			i dotoi			valuo	MC	
15	*	cyanides { salts of hy exception of complex cy ferricyanides and mercu specified elsewhere in the salts of th	yanides such a uric oxycyanide	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			oum group									Н	
16	0	TPH (C6 to C40) petrole	• .	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-	-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene											
18			-625-9	108-88-3	1	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %	Ш	<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %	П	<lod< td=""></lod<>
		601-023-00-4 202-	-849-4	100-41-4								Ш	
20		203-: 203-:	·396-5 [2] ·576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; N 2-methoxy-2-methylprop 603-181-00-X 216-	pane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			-049-5	91-20-3	$\vdash$							Н	
23	0	acenaphthylene	917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %	Ш	<lod< td=""></lod<>
	0	acenaphthene	-517-1	200-90-0	$\vdash$							Н	
24	9	•	469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %	Ш	<lod< td=""></lod<>
25	0	fluorene		86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene		85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	.301-3	55-01-6		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %	Н	<lod< td=""></lod<>
			371-1	120-12-7		<b>VO.010</b>					<b>40.0000010</b> 70	Ц	
28	0	fluoranthene 205-	-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene 204-	927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
		· · · · · · · · · · · · · · · · · · ·	-280-6	56-55-3								$\vdash$	
31		chrysene 601-048-00-0 205-	-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthene 601-034-00-4 205-	911-9	205-99 2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
$\vdash$			"פ-וופ	205-99-2	$\vdash$							Н	
33		benzo[k]fluoranthene 601-036-00-5 205-	916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[a]		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyrene	,			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
		205-dibenz[a,h]anthracene	-893-2	193-39-5								Н	
36		601-041-00-2 200-	-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol		108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		00+-001-00-Z Z03-	002-1	100-33-2						Total:	2.484 %	Н	
$\Box$										10(8):	2.404 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: TP35 Chapter: Sample Depth:

0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#			Note	User entered data	Conv.	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	CLP					MO	
1	4	arsenic { arsenic trioxide } 033-003-00-0		5.79 mg/kg	1.32	7.645 mg/kg	0.000764 %		
	æ	boron { diboron trioxide; boric oxide }		4	2.00	2.00	0.000000.0/		1.00
2	_	005-008-00-8 215-125-8 1303-86-2		<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmium oxide }		1.13 mg/kg	1.142	1.291 mg/kg	0.000129 %		
		048-002-00-0 215-146-2 1306-19-0							
4	æ <u>&amp;</u>	chromium in chromium(III) compounds {		9.13 mg/kg	1.462	13.344 mg/kg	0.00133 %		
		215-160-9 1308-38-9						Н	
5	₫.	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0 215-607-8 1333-82-0 copper { dicopper oxide; copper (I) oxide }							
6	4	029-002-00-X   215-270-7   1317-39-1		9.63 mg/kg	1.126	10.842 mg/kg	0.00108 %		
7	æ.	iron { <sup>®</sup> <mark>iron (III) oxide</mark> }		16700 mg/kg	1.43	23876.739 mg/kg	2.388 %		
		215-168-2 1309-37-1							
8	≪\$	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }		9.56 mg/kg		9.56 mg/kg	0.000956 %		
		082-001-00-6	_						
9	4	mercury { mercury dichloride } 080-010-00-X		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	æ	nickel { nickel sulfate }		22.8 mg/kg	2.637	60.116 mg/kg	0.00601 %		
		028-009-00-5 232-104-9 7786-81-4		22.0 mg/kg	2.007	00.110 Hig/kg	0.00001 70	Ш	
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8							
12	4	vanadium { divanadium pentaoxide; vanadium pentoxide }		14.4 mg/kg	1.785	25.707 mg/kg	0.00257 %		
		023-001-00-8 215-239-8 1314-62-1							
		zinc { zinc sulphate }							
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		52.5 mg/kg	2.469	129.638 mg/kg	0.013 %		
14	0	рН		7.49 pH		7.49 pH	7.49 pH		
L		PH		F					





	П												
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF							MC	
15		cyanides { salts exception of compl ferricyanides and n specified elsewher	ex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			-41		-							Н	
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %	Ц	<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	_	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene	200 700 7	11 40 2								Н	
18		601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		ethylbenzene	200 020 0	100 00 0								Н	
19	9	601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene										П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	210-033-1	1034-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	Н	<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3		<b>40.003</b>			<b>40.003</b>	mg/kg	<0.0000000 70		\LOD
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
			205-917-1	208-96-8	-	10.0.12			10.0.2	9/9	10.0000012 /0		
24	0	acenaphthene	201-469-6	83-32-9	_	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	004 504 5	05.04.0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		anthro ann a	201-581-5	85-01-8	-							Н	
27	0	anthracene	204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	1	1		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
20			205-912-4	206-44-0		20.017	mg/kg		20.017	ilig/kg	<0.0000017 /8	Ш	<lod< td=""></lod<>
29	Θ	pyrene	b04 027 2	129-00-0	_	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
20		benzo[a]anthracen	204-927-3 e	123-00-0	+	-0.014	ma/ka		-0.014	ma/l:~	<0.0000014.0/	Н	-1.00
30	l L	601-033-00-9	200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	$\vdash$	601-048-00-0	205-923-4	218-01-9	+							Н	
32	1 1	benzo[b]fluoranthe		h05 00 0	4	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
$\vdash$	$\vdash$	601-034-00-4	205-911-9	205-99-2	+							Н	
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
24		benzo[a]pyrene; be	1	1 3. 22 2		-0.01E	ma/ka		-0.015	ma/ka	<0.0000015 9/		-I OD
34		601-032-00-3	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene  205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
		dibenz[a,h]anthrac	1	1190-08-0	+							Н	
36		601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	1			<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %	П	<lod< td=""></lod<>
		-11	205-883-8	191-24-2	1		J g			J		Н	
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	_									Total:	2.418 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP38 Chapter:
Sample Depth:
0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	æ <b>g</b>	arsenic { arsenic tr	ioxide }	1327-53-3		5.31	mg/kg	1.32	7.011	mg/kg	0.000701 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.312	mg/kg	1.142	0.356	mg/kg	0.0000356 %		
4	4					6.58	mg/kg	1.462	9.617	mg/kg	0.000962 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		9.57	mg/kg	1.126	10.775	mg/kg	0.00108 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		12500	mg/kg	1.43	17871.81	mg/kg	1.787 %		
8	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20.7	mg/kg		20.7	mg/kg	0.00207 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	-	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		6.26	mg/kg	2.637	16.506	mg/kg	0.00165 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		11.6	mg/kg	1.785	20.708	mg/kg	0.00207 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		40.3	mg/kg	2.469	99.513	mg/kg	0.00995 %		
14	0	pH		РН		6.7	рН		6.7	рН	6.7 pH		



	_		INALD		<del></del>							_	
#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	4	cyanides { salts exception of completerricyanides and magnetic specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_		atralaum araum		-							-	
16	0	TPH (C6 to C40) pe	etroieum group	TPH		67.7	mg/kg		67.7	mg/kg	0.00677 %		
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene			+								
18			203-625-9	108-88-3	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	Θ	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	1							-	
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	_		202-049-5	91-20-3	+							-	
23	Θ	acenaphthylene	005.045.4	1000 000		<0.012	mg/kg		< 0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	_		205-917-1	208-96-8	+							-	
24	Θ	acenaphthene	201 100 0	100.000		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			201-695-5	86-73-7		10101					10.000001 70		
26	0	phenanthrene	201-581-5	85-01-8	-	0.0295	mg/kg		0.0295	mg/kg	0.00000295 %		
27	0	anthracene	204-371-1			<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
			204-371-1	120-12-7	╁							+	
28	0	fluoranthene	205-912-4	206-44-0		0.0811	mg/kg		0.0811	mg/kg	0.00000811 %		
29	0	pyrene				0.0689	mg/kg		0.0689	mg/kg	0.00000689 %		
	_		204-927-3	129-00-0	+							$\vdash$	
30		benzo[a]anthracene 601-033-00-9	e 200-280-6	56-55-3		0.0488	mg/kg		0.0488	mg/kg	0.00000488 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0533	mg/kg		0.0533	mg/kg	0.0000533 %		
32		benzo[b]fluoranther	ne		+	0.0945	mg/kg		0.0945	mg/kg	0.00000945 %		
	_		205-911-9	205-99-2	+							+	
33		benzo[k]fluoranther 601-036-00-5	n <b>e</b> 205-916-6	207-08-9		0.0305	mg/kg		0.0305	mg/kg	0.00000305 %		
34	- 1	benzo[a]pyrene; be 601-032-00-3	nzo[def]chrysene 200-028-5	50-32-8	$\prod$	0.0533	mg/kg		0.0533	mg/kg	0.00000533 %		
	_	indeno[123-cd]pyre		50-52-0	+							+	
35	9		205-893-2	193-39-5		0.0468	mg/kg		0.0468	mg/kg	0.00000468 %		
36		dibenz[a,h]anthrace	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
27	8	benzo[ghi]perylene			$\top$	0.0440	0		0.0442	"	0.00000110.51		
37			205-883-8	191-24-2	-	0.0442	mg/kg		0.0442	mg/kg	0.00000442 %		
- 1	-			*	1								
38		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00677%)





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

## Sample details

Sample name: LoW Code: TP39 Chapter: Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		7.49	mg/kg	1.32	9.889	mg/kg	0.000989 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.232	mg/kg	1.142	0.265	mg/kg	0.0000265 %		
4	æ <b>\$</b>	chromium in chrom		ls { •		12.5	mg/kg	1.462	18.269	mg/kg	0.00183 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper o	oxide; copper (I) ox 215-270-7	ride }		15.4	mg/kg	1.126	17.339	mg/kg	0.00173 %	Ī	
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		14400	mg/kg	1.43	20588.326	mg/kg	2.059 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	34.5	mg/kg		34.5	mg/kg	0.00345 %		
9	-	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		10.3	mg/kg	2.637	27.158	mg/kg	0.00272 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • diva pentoxide }				15.4	mg/kg	1.785	27.492	mg/kg	0.00275 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66.6	mg/kg	2.469	164.455	mg/kg	0.0164 %		
14	0	pH		PH		9.65	рН		9.65	рН	9.65 pH		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor	· 		value	MC ₽	Used
15	*	cyanides ( salts of exception of complex ferricyanides and me specified elsewhere	c cyanides such a ercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			-								
16	0	TPH (C6 to C40) pet	roleum group	TPH		314	mg/kg		314	mg/kg	0.0314 %		
17		benzene 601-020-00-8 2	00-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	03-625-9	108-88-3	_	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	02-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		21	02-422-2 [1] 03-396-5 [2] 03-576-3 [3] 15-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ethe 2-methoxy-2-methylp 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	02-049-5	91-20-3		0.135	mg/kg		0.135	mg/kg	0.0000135 %		
23	0	acenaphthylene	05-917-1	208-96-8		<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<lod< td=""></lod<>
24	0	acenaphthene	01-469-6	83-32-9		1.36	mg/kg		1.36	mg/kg	0.000136 %		
25	0	fluorene 2	01-695-5	86-73-7		0.793	mg/kg		0.793	mg/kg	0.0000793 %		
26	0	phenanthrene 2	01-581-5	85-01-8		10.2	mg/kg		10.2	mg/kg	0.00102 %		
27	(1)	anthracene 2	04-371-1	120-12-7		2.14	mg/kg		2.14	mg/kg	0.000214 %		
28	0	fluoranthene	05-912-4	206-44-0		21.1	mg/kg		21.1	mg/kg	0.00211 %		
29	0	pyrene 2	04-927-3	129-00-0		18.3	mg/kg		18.3	mg/kg	0.00183 %		
30		benzo[a]anthracene	00-280-6	56-55-3		7.54	mg/kg		7.54	mg/kg	0.000754 %		
31		chrysene 601-048-00-0 2	05-923-4	218-01-9	-	6.89	mg/kg		6.89	mg/kg	0.000689 %		
32		benzo[b]fluoranthene		205-99-2		9.29	mg/kg		9.29	mg/kg	0.000929 %		
33		benzo[k]fluoranthene		207-08-9		4.05	mg/kg		4.05	mg/kg	0.000405 %		
34		benzo[a]pyrene; ben		50-32-8		6.84	mg/kg		6.84	mg/kg	0.000684 %		
35	0	indeno[123-cd]pyren		193-39-5		5.19	mg/kg		5.19	mg/kg	0.000519 %		
36		dibenz[a,h]anthracer		53-70-3		0.807	mg/kg		0.807	mg/kg	0.0000807 %		
37	0	benzo[ghi]perylene		,		4.2	mg/kg		4.2	mg/kg	0.00042 %		
38		phenol	05-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Н		004-001-00-Z	03-632-7	108-95-2						Total:	2.131 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0314%)





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

#### Sample details

Sample name: LoW Code:
TP39[2] Chapter:
Sample Depth:
0.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	I conc.	Classification value	MC Applied	Conc. Not Used
1		benzene	-020-00-8 200-753-7 71-43-2				mg/kg		<0.18	mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		003-101-00-7	¥10-000-1	1034-04-4						Total:	0.00006 %	H	

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code: TP42 Chapter: Sample Depth:

0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		8.44	mg/kg	1.32	11.144	mg/kg	0.00111 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.263	mg/kg	1.142	0.3	mg/kg	0.00003 %		
4	₫.	chromium in chrom		ls { •		7.14	mg/kg	1.462	10.436	mg/kg	0.00104 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		8.79	mg/kg	1.126	9.897	mg/kg	0.00099 %	Ì	
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		17200	mg/kg	1.43	24591.611	mg/kg	2.459 %		
8	æ	lead { lead compospecified elsewher 082-001-00-6			1	10.4	mg/kg		10.4	mg/kg	0.00104 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		8.25	mg/kg	2.637	21.753	mg/kg	0.00218 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • diva pentoxide }				13.9	mg/kg	1.785	24.814	mg/kg	0.00248 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		33.2	mg/kg	2.469	81.981	mg/kg	0.0082 %		
14	0	pH		PH		8	рН		8	рН	8pH		





	П				T								
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi			Value	MC	
15		cyanides { salts exception of compl ferricyanides and n specified elsewher	ex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
					+							Н	
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %	Ц	<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene	200-133-1	11-40-2	+								
18		601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
H		ethylbenzene	203-023-9	100-00-3	+							Н	
19	9	601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene										П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	210-033-1	1034-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %	Н	<lod< td=""></lod<>
	į	601-052-00-2	202-049-5	91-20-3		<b>40.003</b>				mg/kg	<0.0000000 70	Ш	\LOD
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
			205-917-1	208-96-8		10.0.12				9/9	10.0000012 /0	Ш	
24	0	acenaphthene	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	004 504 5	05.04.0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		anthra ann a	201-581-5	85-01-8	-							Н	
27	0	anthracene	204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	1	1		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
20			205-912-4	206-44-0		20.017	mg/kg			ilig/kg	<0.0000017 /8	Ш	<lod< td=""></lod<>
29	Θ	pyrene	b04 027 2	129-00-0	_	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
20	$\vdash$	benzo[a]anthracen	204-927-3 e	123-00-0	+	-0.014	me/les		-0.044	ma/les	-0.000004.4.0/	Н	-1.00
30	l L	601-033-00-9	200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash$	$\vdash$	601-048-00-0	205-923-4	218-01-9	+							Н	
32	1 1	benzo[b]fluoranthe		h05 00 0	4	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
$\vdash$	$\vdash$	601-034-00-4	205-911-9	205-99-2	+							$\vdash$	
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	207-08-9	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
24		benzo[a]pyrene; be	1	1 3. 22 2		-0.01E	ma/ka		-0.015	ma/ka	<0.0000015.9/		-I OD
34		601-032-00-3	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene  205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %	П	<lod< td=""></lod<>
		dibenz[a,h]anthrac	1	130-08-0	+	0.000	mr //		0.000	//	-0.0000000.04	Н	
36		601-041-00-2	200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
$\vdash$		nhanal	205-883-8	191-24-2	+							Н	
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		· · · · · · · · · · · · · · · · · · ·								Total:	2.481 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP43 Chapter:
Sample Depth:
0.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		8.51	mg/kg	1.32	11.236	mg/kg	0.00112 %		
2	4		oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.314	mg/kg	1.142	0.359	mg/kg	0.0000359 %		
4	æ	chromium in chrom	nium(III) compound e (worst case) 215-160-9	s { • • • • • • • • • • • • • • • • • •		174	mg/kg	1.462	254.311	mg/kg	0.0254 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				25.2	mg/kg	1.126	28.372	mg/kg	0.00284 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		15900	mg/kg	1.43	22732.943	mg/kg	2.273 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the exc	ception of those	1	52.9	mg/kg		52.9	mg/kg	0.00529 %		
9	4	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		10.1	mg/kg	2.637	26.631	mg/kg	0.00266 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	æ	vanadium { • divapentoxide }				15.4	mg/kg	1.785	27.492	mg/kg	0.00275 %		
13	æ	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	131	mg/kg	2.469	323.478	mg/kg	0.0323 %		
14	0	рН		PH		8.57	рН		8.57	рН	8.57 pH		





#	EU CLP index number	Determinand		ţe							eq	
"				Š	User entered	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not Used
"		EC Number	CAS Number	CLP Note			Factor			value	MC /	Usea
15	cyanides { salts exception of complete ricyanides and no specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	TPH (C6 to C40) p	etroleum group	ТРН		296	mg/kg		296	mg/kg	0.0296 %		
17	benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18	toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21	tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.045	mg/kg		<0.045	mg/kg	<0.0000045 %		<lod< td=""></lod<>
23	acenaphthylene	205-917-1	208-96-8		0.0702	mg/kg		0.0702	mg/kg	0.00000702 %		
24	acenaphthene	201-469-6	83-32-9		0.0582	mg/kg		0.0582	mg/kg	0.00000582 %		
25	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26	phenanthrene	201-581-5	85-01-8		0.873	mg/kg		0.873	mg/kg	0.0000873 %		
27	anthracene	204-371-1	120-12-7		0.224	mg/kg		0.224	mg/kg	0.0000224 %		
28 •	fluoranthene	205-912-4	206-44-0		2.62	mg/kg		2.62	mg/kg	0.000262 %		
29 •		204-927-3	129-00-0		2.54	mg/kg		2.54	mg/kg	0.000254 %		
30		e 200-280-6	56-55-3		1.11	mg/kg		1.11	mg/kg	0.000111 %		
31	chrysene 601-048-00-0	205-923-4	218-01-9		1.14	mg/kg		1.14	mg/kg	0.000114 %		
32		205-911-9	205-99-2		1.76	mg/kg		1.76	mg/kg	0.000176 %		
33		205-916-6	207-08-9		0.959	mg/kg		0.959	mg/kg	0.0000959 %		
34		200-028-5	50-32-8		1.17	mg/kg		1.17	mg/kg	0.000117 %		
35	indeno[123-cd]pyre	205-893-2	193-39-5		1.12	mg/kg		1.12	mg/kg	0.000112 %		
36	dibenz[a,h]anthrac	200-181-8	53-70-3		0.16	mg/kg		0.16	mg/kg	0.000016 %		
37	benzo[ghi]perylene	205-883-8	191-24-2		0.899	mg/kg		0.899	mg/kg	0.0000899 %		
38	phenol 604-001-00-2	203-632-7	108-95-2		0.0206	mg/kg		0.0206	mg/kg	0.00000206 %		
39	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	thane (combined)		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	2,2-dichloropropan		594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





=											T	
#		Determinand	L Note	Us	ser entered	l data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	ᄓ								MC	
41	Θ	bromochloromethane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4   200-663-8   67-66-3	_		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2   200-756-3     71-55-6			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		602-027-00-9			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		602-020-00-0 201-152-2 78-87-5 dibromomethane			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %	H	<lod< td=""></lod<>
50	0	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		200-856-7   75-27-4   1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]										
51		602-030-00-5 208-826-5 [1] 542-75-6 [1] 233-195-8 [2] 10061-01-5 [2]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
52	9	trans-1,3-dichloropropene 431-460-4 10061-02-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
53		1,1,2-trichloroethane       602-014-00-8     201-166-9     79-00-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane 204-704-0   124-48-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
56		<b>1,2-dibromoethane</b> 602-010-00-6 203-444-5 106-93-4			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		<b>chlorobenzene</b> 602-033-00-1 203-628-5 108-90-7			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		<b>styrene</b> 601-026-00-0 202-851-5 100-42-5			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene 602-060-00-9 203-623-8 108-86-1			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropane 602-062-00-X 202-486-1 96-18-4			<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]										
63		602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-trimethylbenzene 601-025-00-5 203-604-4 108-67-8			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene			<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenzene			<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		205-227-0 135-98-8										





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene 602-035-00-2	e; p-dichlorobenz 203-400-5	ene 106-46-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene 602-034-00-7	e; o-dichlorobenz 202-425-9	ene 95-50-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlor 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
73		1,2,4-trichlorobenze	ene 204-428-0	120-82-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
74	9	hexachlorobutadien	e 201-765-5	87-68-3		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
75	9	1,2,3-trichlorobenze	ene 201-757-1	87-61-6		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
		· · · · · · · · · · · · · · · · · · ·								Total:	2.378 %		

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0296%)





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

#### Sample details

Sample name: LoW Code:
TP46 Chapter:
Sample Depth:
0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		6.8	mg/kg	1.32	8.978	mg/kg	0.000898 %		
2	4		1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	m oxide }	1306-19-0		0.18	mg/kg	1.142	0.206	mg/kg	0.0000206 %		
4	æ	chromium in chrom	, , ,			7.37	mg/kg	1.462	10.772	mg/kg	0.00108 %		
5	æ\$	chromium in chromoxide }	215-160-9 nium(VI) compound 215-607-8	1308-38-9  ds {		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper o				22.1	mg/kg	1.126	24.882	mg/kg	0.00249 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		16500	mg/kg	1.43	23590.79	mg/kg	2.359 %		
8	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the exc	ception of those	1	74	mg/kg		74	mg/kg	0.0074 %		
9	4	mercury { mercury	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4		9.16	mg/kg	2.637	24.152	mg/kg	0.00242 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	æ	vanadium { • divapentoxide }				15.3	mg/kg	1.785	27.313	mg/kg	0.00273 %		
13	æ	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	68.1	mg/kg	2.469	168.159	mg/kg	0.0168 %		
14	0	рН		PH		6.71	рН		6.71	рН	6.71 pH		





Т			INALD		<del>-</del>							_	
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP					,		MC	
15	4	cyanides { salts exception of completerricyanides and magnetic specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			otroloum group		+					_		Н	
16	0	TPH (C6 to C40) pe	etroleum group	TPH		47.1	mg/kg		47.1	mg/kg	0.00471 %		
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
_		toluene			+								
18			203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene	203-023-9	100-00-3		<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		40.00	mg/ng			g/kg	40.000000 70		<b>,10</b> D
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	000 040 5	04.00.0		0.0241	mg/kg		0.0241	mg/kg	0.00000241 %		
			202-049-5	91-20-3	+							$\vdash$	
23	0	acenaphthylene	005 047 4	hoo oo o	4	0.0747	mg/kg		0.0747	mg/kg	0.00000747 %		
			205-917-1	208-96-8	+								
24	0	acenaphthene	004 400 0	ho oo o	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		0.011	mg/kg		0.011	mg/kg	0.0000011 %		
			201-695-5	86-73-7		0.011	mg/ng		0.011	g/kg	0.0000011 70		
26	0	phenanthrene	201-581-5	85-01-8		0.204	mg/kg		0.204	mg/kg	0.0000204 %		
27	0	anthracene	201 001 0	00 01 0		0.0578	mg/kg		0.0578	mg/kg	0.00000578 %		
			204-371-1	120-12-7									
28	0	fluoranthene	205-912-4	206-44-0		0.67	mg/kg		0.67	mg/kg	0.000067 %		
29	0	pyrene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
			204-927-3	129-00-0	+								
30		benzo[a]anthracene 601-033-00-9	e 200-280-6	56-55-3		0.355	mg/kg		0.355	mg/kg	0.0000355 %		
31		chrysene	205-923-4	218-01-9		0.338	mg/kg		0.338	mg/kg	0.0000338 %		
32		benzo[b]fluoranther		E 10-01-3		0.554	mg/kg		0.554	mg/kg	0.0000554 %		
			205-911-9	205-99-2	1		99			<i>ق.</i> بھ			
33		benzo[k]fluoranther	ne 205-916-6	207-08-9		0.214	mg/kg		0.214	mg/kg	0.0000214 %		
34		benzo[a]pyrene; be	nzo[def]chrysene			0.361	mg/kg		0.361	mg/kg	0.0000361 %		
U T		601-032-00-3	200-028-5	50-32-8	L	0.001	g/ng		3.501	9/109	3.0000001 /0		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.305	mg/kg		0.305	mg/kg	0.0000305 %		
36		dibenz[a,h]anthrace		100 00 0		0.068	mg/kg		0.068	mg/kg	0.0000068 %		
	_	601-041-00-2 benzo[ghi]perylene	200-181-8	53-70-3									
37	Θ		205-883-8	191-24-2		0.267	mg/kg		0.267	mg/kg	0.0000267 %		
		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
38		604-001-00-2	203-632-7	108-95-2			3 3			3 3			





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00471%)





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

## Sample details

Sample name: LoW Code: **TP49** Chapter: Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		number	ပ					Σ	
1	æ 🎉			5.67 mg/kg	1.32	7.486 mg/kg	0.000749 %		
_	+	033-003-00-0 215-481-4 1327-53-3	+					$\vdash$	
2	ď,	boron {		<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<lod< td=""></lod<>
-	+		+					₩	
3	æ <b>\$</b>	cadmium {		0.324 mg/kg	1.142	0.37 mg/kg	0.000037 %		
	æ	048-002-00-0 <u>215-140-2</u> [1306-19-0 chromium in chromium(III) compounds {							
4	~	chromium(III) oxide (worst case) }		6.15 mg/kg	1.462	8.989 mg/kg	0.000899 %		
		215-160-9 1308-38-9							
5	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0							
6	4	copper { dicopper oxide; copper (I) oxide }		14.2 mg/kg	1.126	15.988 mg/kg	0.0016 %		
		029-002-00-X 215-270-7 1317-39-1		3 3		3 3			
7	4	iron { • iron (III) oxide }		10900 mg/kg	1.43	15584.219 mg/kg	1.558 %		
_		215-168-2 1309-37-1	+					-	
8	≪\$	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	37.5 mg/kg		37.5 mg/kg	0.00375 %		
	_	082-001-00-6							
9	_	mercury { mercury dichloride }		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< td=""></lod<>
_	+	080-010-00-X 231-299-8 7487-94-7	_						
10	4	nickel { nickel sulfate }		6.11 mg/kg	2.637	16.11 mg/kg	0.00161 %		
	+	028-009-00-5 232-104-9 7786-81-4	$\perp$					$\vdash$	
11	₫.	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8							
12	4	vanadium { divanadium pentaoxide; vanadium pentoxide }		10.5 mg/kg	1.785	18.744 mg/kg	0.00187 %		
		023-001-00-8 215-239-8 1314-62-1	-						
	æ	zinc { zinc sulphate }							
13	_	030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		53.3 mg/kg	2.469	131.613 mg/kg	0.0132 %		
14	0	рН		6.46 pH		6.46 pH	6.46 pH		
		PH							





#			Determinand		CLP Note	User entered	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			T doloi			Value	MC	Oscu
15	<b>4</b>	cyanides { salts exception of complete ferricyanides and in specified elsewhere 006-007-00-5	lex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
-		TPH (C6 to C40) p	etroleum group			0.5					2 222 2/		
16		, , , , ,	J	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3							10.00001170		
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	1	1									
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		acenaphthylene	202 043 0	D1 20 0	$\vdash$								
23		. ,	205-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	1			<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
24			201-469-6	83-32-9		<b>\(\text{0.000}\)</b>			<u> </u>		<0.0000000 78		LOD
25	0	fluorene	201-695-5	86-73-7	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.0543	mg/kg		0.0543	mg/kg	0.00000543 %		
		anthracene	201-361-3	03-01-0									
27			204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	-	0.149	mg/kg		0.149	mg/kg	0.0000149 %		
29	0	pyrene				0.427			0.127		0.0000437.0/		
29			204-927-3	129-00-0		0.137	mg/kg		0.137	mg/kg	0.0000137 %		
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3		0.0902	mg/kg		0.0902	mg/kg	0.00000902 %		
31		chrysene	F-0 =00 0	-3 00 0		0.0954	mg/kg		0.0954	mg/kg	0.00000954 %		
			205-923-4	218-01-9		3.0004	9/11.9		3.0004	g/Ng	3.55555554 76		
32		benzo[b]fluoranthe		hor or r		0.205	mg/kg		0.205	mg/kg	0.0000205 %		
_			205-911-9	205-99-2	$\vdash$							-	
33		benzo[k]fluoranthe	ne 205-916-6	207-08-9		0.0606	mg/kg		0.0606	mg/kg	0.00000606 %		
34		benzo[a]pyrene; be				0.111	mg/kg		0.111	mg/kg	0.0000111 %		
Ľ.			200-028-5	50-32-8	1		9.18			<i></i>			
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.139	mg/kg		0.139	mg/kg	0.0000139 %		
36		dibenz[a,h]anthrac	ene	F0.70.0		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
-			200-181-8	53-70-3	$\vdash$								
37	Θ	benzo[ghi]perylene	205-883-8	191-24-2	-	0.104	mg/kg		0.104	mg/kg	0.0000104 %		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	T	<lod< td=""></lod<>
-		604-001-00-2	203-632-7	108-95-2						Total:	1.587 %	H	
										ıolal.	1.001 /0		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code:
TP50 Chapter:
Sample Depth:
0.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		8.86	mg/kg	1.32	11.698	mg/kg	0.00117 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ\$	cadmium { cadmiu 048-002-00-0	1	1306-19-0		0.0706	mg/kg	1.142	0.0806	mg/kg	0.00000806 %		
4	4	chromium in chrom		ls { • • • • • • • • • • • • • • • • • •		11.2	mg/kg	1.462	16.369	mg/kg	0.00164 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ	copper { dicopper of 029-002-00-X	oxide; copper (I) ox	iide }		15.1	mg/kg	1.126	17.001	mg/kg	0.0017 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		21900	mg/kg	1.43	31311.412	mg/kg	3.131 %		
8	4	lead {			1	27	mg/kg		27	mg/kg	0.0027 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		13.5	mg/kg	2.637	35.595	mg/kg	0.00356 %		
11	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4		nadium pentaoxide	e; vanadium		21.8	mg/kg	1.785	38.917	mg/kg	0.00389 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		58.5	mg/kg	2.469	144.454	mg/kg	0.0144 %		
14	0	pН		PH		7.64	рН		7.64	pН	7.64 pH		



$\overline{}$	<u> </u>				Τ								
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i dotoi			valuo	MC	
15	<b>4</b>	cyanides { salts exception of completerricyanides and magnetic specified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyani	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) p	otroloum group		+					_			
16	Θ	, , , , ,	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	000 605 0	400.00.2		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-		601-021-00-3 ethylbenzene	203-625-9	108-88-3	+								
19	0	•	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene		1		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
-			202-049-5	91-20-3	-								
23	0	acenaphthylene	205-917-1	208-96-8	+	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene				0.000			0.000	//	0.0000000.0/		1.00
24			201-469-6	83-32-9	1	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
07	0	anthracene	201-301-3	03-01-0		0.040			0.040		<0.000016 %		1.00
27			204-371-1	120-12-7	1	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0	+	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
20	0	pyrene	l.			0.0202			0.0202		0.00000303.8/		
29			204-927-3	129-00-0	1	0.0392	mg/kg		0.0392	mg/kg	0.00000392 %		
30		benzo[a]anthracen	e 200-280-6	56-55-3		0.0213	mg/kg		0.0213	mg/kg	0.00000213 %		
31		chrysene				0.0174	mg/kg		0.0174	mg/kg	0.00000174 %		
-		601-048-00-0 benzo[b]fluoranthe	205-923-4 ne	218-01-9									
32			205-911-9	205-99-2	+	0.0346	mg/kg		0.0346	mg/kg	0.00000346 %		
-		benzo[k]fluoranthe		_00 00 2	+								
33			205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be				0.0221	mg/kg		0.0221	mg/kg	0.00000221 %		
35	0	601-032-00-3 indeno[123-cd]pyre	200-028-5 ene	50-32-8		0.0213	mg/kg		0.0213	mg/kg	0.00000213 %		
			205-893-2	193-39-5	1	0.0213	mg/kg		0.0213	mg/kg	0.00000213 %		
36		dibenz[a,h]anthrac	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
-		benzo[ghi]perylene		po 100	+								
37	_		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	3.165 %		
	_								,		L		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

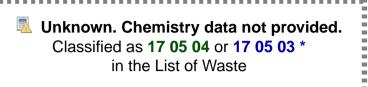
Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection







## Sample details

Sample name:

WS04
Chapter:
Sample Depth:
Chapter:
Sample Depth:
Chapter:
Tr: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Trop 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		Note	User entered data	Conv.	Compound conc.	Classification value	Conc. N	
	EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC	
			•				Total:	0%		

Key

User supplied data

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

#### Sample details

Sample name: LoW Code: WS04[2] Chapter: Sample Depth: 0.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	_	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		11.2	mg/kg	1.32	14.788	mg/kg	0.00148 %		
2	-	boron { diboron tric	1	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu	1	1000 00 2		2.41	mg/kg	1.142	2.753	mg/kg	0.000275 %		
_		048-002-00-0	215-146-2	1306-19-0									
4	≪\$	chromium in chrom chromium(III) oxide	e (worst case) }			20.5	mg/kg	1.462	29.962	mg/kg	0.003 %		
_			215-160-9	1308-38-9	+								
5		chromium in chromoxide }	. , .			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
-		024-001-00-0	215-607-8	1333-82-0	+							H	
6	_	copper { dicopper of the copper of the coppe	215-270-7	1317-39-1	-	16.3	mg/kg	1.126	18.352	mg/kg	0.00184 %		
7	æ\$	iron { • iron (III) o		1,000 07 1		28500	mg/kg	1.43	40747.728	mg/kg	4.075 %		
8		lead {	215-168-2 counds with the ex e in this Annex (wo	ception of those orst case) }	1	68.6	mg/kg		68.6	mg/kg	0.00686 %		
9	4	mercury { mercury				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
-		080-010-00-X	231-299-8	7487-94-7	+							-	
10	_	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7700 04 4	4	30.2	mg/kg	2.637	79.628	mg/kg	0.00796 %		
11	æ	selenium { selenium cadmium sulphose elsewhere in this A	m compounds with elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12		vanadium { diva	nadium pentaoxide	e; vanadium		29.8	mg/kg	1.785	53.199	mg/kg	0.00532 %		
		023-001-00-8	215-239-8	1314-62-1	1								
	æ	zinc { zinc sulphate	<del>)</del> }	•									
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		222	mg/kg	2.469	548.184	mg/kg	0.0548 %		
14	0	рН		PH		7.49	pН		7.49	рН	7.49 pH		



$\overline{}$			IVALD										
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	4	cyanides { salts of exception of complex ferricyanides and messpecified elsewhere in construction of the c	c cyanides such a rcuric oxycyanide	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_	TPH (C6 to C40) petr	roleum aroun									Н	
16	(1)	11 11 (00 to 040) peti	• .	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 20	00-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene	l							,,			
18			03-625-9	108-88-3	1	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
<b>.</b>	8	ethylbenzene											
19		•	02-849-4	100-41-4	+	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	20, 400, 0 [4]	05 47 0 [4]									
20		20 20	03-396-5 [2] 03-576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ethe 2-methoxy-2-methylp 603-181-00-X 21	oropane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	02-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	_	acenaphthylene	02 043 0	31 20 0	$\vdash$							Н	
23	0		05-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	_	acenaphthene	00-917-1	200-90-0	$\vdash$							Н	
24	0	•	01-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene		86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		<u>\</u>	01-581-5	85-01-8								Н	
27	0	anthracene 20	04-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	05-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			04-927-3	129-00-0	$\vdash$							Н	
30		benzo[a]anthracene 601-033-00-9 20	00-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	05-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthene	)			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
				205-99-2	$\perp$							Ш	
33		benzo[k]fluoranthene 601-036-00-5		207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benz	zo[def]chrysene			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
				50-32-8								Ш	
35	0	indeno[123-cd]pyrene		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracen	ne	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
$\vdash$		,	JU-101 <b>-</b> 0	JJ-7 U-J	+							H	
37	0	benzo[ghi]perylene	05-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %	Ш	<lod< td=""></lod<>
38		phenol 604-001-00-2	03-632-7	108-95-2		0.0124	mg/kg		0.0124	mg/kg	0.00000124 %		
		20,00,002	00 002 1	. 55 55 2						Total:	4.161 %	Н	
$\Box$										iolal.	7.101 /0		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

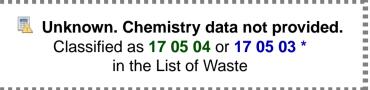
Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection







## Sample details

Sample name: LoW Code: WS08 Chapter:

Sample Depth:

O.1 m

Entry:

from contamina
17 05 04 (Soil a
03)

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

## **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv.	Compound conc.		Applied O O	nc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		racioi			MC/	Jseu
							Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code: WS08[2] Chapter: Sample Depth: 0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		12.3	mg/kg	1.32	16.24	mg/kg	0.00162 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.04	mg/kg	1.142	2.33	mg/kg	0.000233 %		
4	*	chromium in chrom		ls {		27.8	mg/kg	1.462	40.631	mg/kg	0.00406 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		16.7	mg/kg	1.126	18.802	mg/kg	0.00188 %		
7	*	iron { • iron (III) o	xide }	1309-37-1		28600	mg/kg	1.43	40890.702	mg/kg	4.089 %		
8	*	lead {			1	55.2	mg/kg		55.2	mg/kg	0.00552 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	-	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		32.4	mg/kg	2.637	85.429	mg/kg	0.00854 %		
11	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.01	mg/kg	1.405	1.419	mg/kg	0.000142 %		
12	4		nadium pentaoxide	9; vanadium		42.8	mg/kg	1.785	76.406	mg/kg	0.00764 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		217	mg/kg	2.469	535.837	mg/kg	0.0536 %		
14	0	pН		РН		7.3	рН		7.3	рН	7.3 pH		



$\overline{}$			NALD		T			1			T		
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	4	cyanides { salts of exception of complex ferricyanides and me specified elsewhere 006-007-00-5	x cyanides such a ercuric oxycyanide	s ferrocyanides,	-	<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) pet	roloum group						<u> </u>				
16	0	1711 (CO to C40) pet	• .	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	00-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
l		toluene											
18			03-625-9	108-88-3	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
<b>.</b>	8	ethylbenzene											
19		•	02-849-4	100-41-4	+	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9 20 20 20	03-396-5 [2] 03-576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ethe 2-methoxy-2-methylp 603-181-00-X	oropane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	00 040 5	04 20 2		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	_		02-049-5	91-20-3	+								
23	0	acenaphthylene	05.047.4	000 00 0	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
			05-917-1	208-96-8	+							Н	
24	0	acenaphthene	01-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	01-695-5	86-73-7		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
		2	01-581-5	85-01-8		<b>VO.013</b>	mg/kg		<0.013	mg/kg	<0.0000015 78		\LOD
27	0	anthracene 2	04-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	<b>a</b>	pyrene 2	05-912-4	206-44-0		<0.015	ma/ka		-0.015	ma/ka	<0.0000015 %		<lod< td=""></lod<>
29			04-927-3	129-00-0	1	<0.015	mg/kg	_	<0.015	mg/kg	<u> </u>		\LUD
30		benzo[a]anthracene	00-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
_		chrysene	20 200 0										
31			05-923-4	218-01-9	1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
20		benzo[b]fluoranthene				0.015			0.045	m = //	-0.0000045.04	П	.1.05
32				205-99-2	1	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthene				-0.014	mc/les		-0.011	ma/les	±0.000004.4.0/		1.00
33				207-08-9	1	<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; ben 601-032-00-3		50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
$\vdash$		indeno[123-cd]pyren		00-32-0	$\vdash$								
35	ii)			193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracer		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
	9	benzo[ghi]perylene				6.007			6.001	,,	0.000000101		
37	_	2	05-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg 	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	03-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	4.177 %		
											·	1	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: WS10 Chapter: Sample Depth:

0.1 m Entry:

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

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		14.5	mg/kg	1.32	19.145	mg/kg	0.00191 %		
2	æ	boron { diboron trioxide; boric oxide } 005-008-00-8		1.14	mg/kg	3.22	3.671	mg/kg	0.000367 %		
3	æ	cadmium { cadmium oxide } 048-002-00-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4	4	chromium in chromium(III) compounds { Chromium(III) oxide (worst case) }		32	mg/kg	1.462	46.77	mg/kg	0.00468 %		
5	4			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		35.8	mg/kg	1.126	40.307	mg/kg	0.00403 %		
7	4	iron { iron (III) oxide }		33700	mg/kg	1.43	48182.401	mg/kg	4.818 %		
8	<b>4</b>	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	131	mg/kg		131	mg/kg	0.0131 %		
9	æ	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		35.9	mg/kg	2.637	94.657	mg/kg	0.00947 %		
11	<b>«</b>	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium {		48.9	mg/kg	1.785	87.296	mg/kg	0.00873 %		
13	<b>4</b>	023-001-00-8		258	mg/kg	2.469	637.078	mg/kg	0.0637 %		
14	0	pH PH		7.56	рН		7.56	рН	7.56 pH		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
15	₫.	cyanides { salts exception of completerricyanides and respectified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			+							Н	
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	_	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		30.11				g/itg			1202
19	Θ	ethylbenzene 601-023-00-4	202-849-4	100-41-4	_	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	/lpropane	14004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3	+							Н	
23	0	acenaphthylene	DOE 047.4	000.00.0	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	205-917-1	208-96-8		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-695-5	86-73-7	+	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
			201-581-5	85-01-8								Ш	
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.0267	mg/kg		0.0267	mg/kg	0.00000267 %		
			205-912-4	206-44-0	-					J J		H	
29	0	pyrene	204-927-3	129-00-0	_	0.0233	mg/kg		0.0233	mg/kg	0.00000233 %		
30		benzo[a]anthracen	e		+	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
	$\vdash$	601-033-00-9 chrysene	200-280-6	56-55-3	+							Н	
31		-	205-923-4	218-01-9	-	0.0162	mg/kg		0.0162	mg/kg	0.00000162 %		
	H	benzo[b]fluoranthe	1		$\dagger$	0.0000	"		0.0005	"	0.0000000000000000000000000000000000000	Н	
32		601-034-00-4	205-911-9	205-99-2	1	0.0236	mg/kg		0.0236	mg/kg	0.00000236 %		
33	П	benzo[k]fluoranthe	1			<0.014	mg/kg		<0.014	ma/ka	<0.0000014 %	П	<lod< td=""></lod<>
33		601-036-00-5	205-916-6	207-08-9		\U.U14	mg/kg		VU.U14	mg/kg		L	\LUD
34		benzo[a]pyrene; be	enzo[def]chrysene 200-028-5	50-32-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene  205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
$\vdash$		dibenz[a,h]anthrac	1	100-00-0	+								
36			200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	1	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol			+	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
<u> </u>		604-001-00-2	203-632-7	108-95-2								Н	
							_			Total:	4.929 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: WS12 Chapter: Sample Depth: Entry:

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

#### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand				User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC	Oseu
Total											

Key

User supplied data





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

## Sample details

Sample name: LoW Code: WS13 Chapter: Sample Depth:

0.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		9.82	mg/kg	1.32	12.966	mg/kg	0.0013 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.52	mg/kg	1.142	1.736	mg/kg	0.000174 %		
4	<b>₫</b>	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				19.6	mg/kg	1.462	28.646	mg/kg	0.00286 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	(ide }		15.3	mg/kg	1.126	17.226	mg/kg	0.00172 %		
7	<b>4</b>	iron ( iron (III) oxide ) 215-168-2   1309-37-1				24800	mg/kg	1.43	35457.672	mg/kg	3.546 %		
8	æ	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	97.6	mg/kg		97.6	mg/kg	0.00976 %		
9	-	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		24.4	mg/kg	2.637	64.335	mg/kg	0.00643 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { diva pentoxide }				28.2	mg/kg	1.785	50.342	mg/kg	0.00503 %		
13	4	o23-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		188	mg/kg	2.469	464.228	mg/kg	0.0464 %		
14	0	рН		PH		7.71	рН		7.71	рН	7.71 pH		





#		Determinand			CLP Note	User entered data		Conv.	Compound conc.		Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor	· 		value	MC /	Used
15	<b>4</b>	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< td=""></lod<>
_		006-007-00-5			-								
16	0	TPH (C6 to C40) p	etroleum group	ТРН		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		30.11				mg/ng			
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	_	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	/lpropane			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3	_								
23	0	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	205-917-1	208-96-8	+	<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<lod< td=""></lod<>
			201-469-6	83-32-9	1_	10.000				9/9			
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	9	phenanthrene	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
00	0	fluoranthene				0.047			0.047	4	0.0000047.0/		
28			205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen		56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	200-200-0	po-55-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		601-048-00-0	205-923-4	218-01-9	1_	10.01				9,9			
32		benzo[b]fluoranthe	ne 205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
_	Ш	601-034-00-4	+	3 3					L				
33		benzo[k]fluoranthe		loo= 05 -		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
24	$  \cdot  $	601-036-00-5 benzo[a]pyrene; be	205-916-6 enzo[def]chrysene	207-08-9	+	-0.01E			-0.015	ma/ka	<0.0000015.9/		~I OD
34		601-032-00-3	$\dashv$	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36	П	dibenz[a,h]anthrac		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>		
		601-041-00-2	200-181-8	53-70-3		30.020			33.020	mg/ng	.5.0000020 /0	L	
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash$	Ш	004-001-00-Z	£03-032-1	100-30-2						Total:	3.624 %		
										.o.a.	3.02 . 70		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: WS15 Chapter: Sample Depth: Entry:

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

### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: WS17 Chapter: Sample Depth:

0.6 m Entry:

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

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	_	number	_							_	
1	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		14.8	mg/kg	1.32	19.541	mg/kg	0.00195 %		
	æ	boron { diboron trioxide; boric oxide }									
2	_	005-008-00-8 215-125-8 1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ	cadmium { cadmium oxide }		2.26	ma/ka	1.142	2.582	mg/kg	0.000258 %		
3	•	048-002-00-0 215-146-2 1306-19-0		2.20	mg/kg	1.142	2.362	mg/kg	0.000258 %		
4	4	chromium in chromium(III) compounds {		34.2	mg/kg	1.462	49.985	mg/kg	0.005 %		
		215-160-9 1308-38-9								┵	
5	₡	chromium in chromium(VI) compounds { chromium(Voxide }	)	<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0									
6	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		27.8	mg/kg	1.126	31.3	mg/kg	0.00313 %		
7	4	029-002-00-X   215-270-7   1317-39-1   iron (       iron (         ) oxide   }		36700	mg/kg	1.43	52471.635	mg/kg	5.247 %		
′		215-168-2 1309-37-1		30700	mg/kg	1.43	3247 1.033	mg/kg	3.247 /6		
8	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	138	mg/kg		138	mg/kg	0.0138 %		
-	_	mercury { mercury dichloride }									
9	_	080-010-00-X 231-299-8 7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
l	æ	nickel { nickel sulfate }									
10	_	028-009-00-5 232-104-9 7786-81-4		37.8	mg/kg	2.637	99.667	mg/kg	0.00997 %		
11	4	selenium { selenium compounds with the exception o cadmium sulphoselenide and those specified elsewhere in this Annex }		1.32	mg/kg	1.405	1.855	mg/kg	0.000185 %		
		034-002-00-8									
12	<b>«</b>	vanadium {		50.7	mg/kg	1.785	90.509	mg/kg	0.00905 %		
		023-001-00-8 215-239-8 1314-62-1									
	_	zinc { zinc sulphate }									
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		288	mg/kg	2.469	711.157	mg/kg	0.0711 %		
14	0	pH PH		7.66	рН		7.66	рН	7.66 pH		





			Determinand		ote			Conv.			Classification	Applied	Conc. Not
#		EU CLP index number	EC Number	CAS Number	CLP Note	User entered	d data	Factor	Compound	conc.	value	MC Ap	Used
15	<b>₫</b>	cyanides { salts exception of complete ferricyanides and respecified elsewhere 006-007-00-5	lex cyanides such mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) p	etroleum aroup		+							Н	
16	9	, , , , ,	group	TPH	-	<35	mg/kg		<35 	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-		toluene	200 700 7	11 40 2	+							Н	
18		601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	202-049-4	100-41-4	+							Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		acenaphthylene	202-049-5	91-20-3	+							Н	
23	0	acenaphinylene	205-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9	T	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7	+	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.0411	mg/kg		0.0411	mg/kg	0.00000411 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene				0.121	mg/kg		0.121	mg/kg	0.0000121 %		
		D. (70.00	205-912-4	206-44-0	+							$\vdash$	
29	Θ	pyrene	204-927-3	129-00-0	_	0.109	mg/kg		0.109	mg/kg	0.0000109 %		
30		benzo[a]anthracen 601-033-00-9	1	56-55-3		0.0649	mg/kg		0.0649	mg/kg	0.00000649 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.0749	mg/kg		0.0749	mg/kg	0.00000749 %		
32		benzo[b]fluoranthe	1	205-99-2	_	0.101	mg/kg		0.101	mg/kg	0.0000101 %		
	Н	benzo[k]fluoranthe	1	K02-33-7	+							Н	
33		601-036-00-5	205-916-6	207-08-9		0.0329	mg/kg		0.0329	mg/kg	0.00000329 %		
34		benzo[a]pyrene; be 601-032-00-3	enzo[def]chrysene 200-028-5	50-32-8	-	0.0635	mg/kg		0.0635	mg/kg	0.00000635 %		
35		indeno[123-cd]pyre	ene	1		0.0546	mg/kg		0.0546	mg/kg	0.00000546 %		
36		dibenz[a,h]anthrac		193-39-5	_	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
	Ш	601-041-00-2	200-181-8	53-70-3	+							H	
37	0	benzo[ghi]perylene	205-883-8	191-24-2	_	0.0535	mg/kg		0.0535	mg/kg	0.00000535 %		
38		phenol	,			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
_		604-001-00-2	203-632-7	108-95-2						Total:	5.366 %	Н	
										าบเสเ:	J.JUU 70		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided.
Classified as 17 05 04 or 17 05 03 \*
in the List of Waste

## Sample details

Sample name: LoW Code: WS23 Chapter: Sample Depth: Entry:

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

#### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: WS23[2] Chapter: Sample Depth:

0.9 m Entry:

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

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index	oer OCLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e#	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		18.8	mg/kg	1.32	24.822	mg/kg	0.00248 %		
2	e#	boron { diboron trioxide; boric oxide } 005-008-00-8		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	æ	cadmium { cadmium oxide } 048-002-00-0		3.83	mg/kg	1.142	4.375	mg/kg	0.000438 %		
4	æ	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		34.1	mg/kg	1.462	49.839	mg/kg	0.00498 %		
5	4		(VI)	<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	æ			27.8	mg/kg	1.126	31.3	mg/kg	0.00313 %		
7	4	iron { iron (III) oxide }		43000	mg/kg	1.43	61479.028	mg/kg	6.148 %		
8	4	lead { lead compounds with the exception of tho specified elsewhere in this Annex (worst case) }	se 1	97.2	mg/kg		97.2	mg/kg	0.00972 %		
9	4			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		46.9	mg/kg	2.637	123.661	mg/kg	0.0124 %		
11	<b>4</b>	selenium { selenium compounds with the exception cadmium sulphoselenide and those specified elsewhere in this Annex }	of	<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	<b>4</b>	vanadium { divanadium pentaoxide; vanadium pentoxide }		50.1	mg/kg	1.785	89.438	mg/kg	0.00894 %		
13	<b>4</b>			389	mg/kg	2.469	960.556	mg/kg	0.0961 %		
14	0	pH PH		7.66	рН		7.66	рН	7.66 pH		





											· ·		
#			Determinand		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			. acto.				MC	
15		cyanides { salts exception of completericyanides and respecified elsewher	ex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	$\rightarrow$		-41		+							Н	
16	Θ	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17	L	benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	$\rightarrow$	601-020-00-8	200-753-7	71-43-2	-							Н	
18	L	toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	$\rightarrow$	601-021-00-3	203-625-9	108-88-3	_							Н	
19 6		ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	$\rightarrow$	601-023-00-4	202-849-4	100-41-4	+							Н	
	L	xylene											
20	6	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	/lpropane	4604.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	$\rightarrow$	603-181-00-X	216-653-1	1634-04-4	+							Н	
22		naphthalene 601-052-00-2	202-049-5	91-20-3	4	<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	$\dashv$	acenaphthylene	202-049-3	91-20-3	+							Н	
23	0	acenaphinylene	205-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	$\dashv$	acenaphthene	205-917-1	208-90-8	+							Н	
24	0	acenaphinene	201-469-6	83-32-9	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-409-5	86-73-7	+	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		phenanthrene	201 000 0	po 10 1	+								
26	_		201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
07	0	anthracene		1		0.040			0.040		0.0000046.0/		1.00
27	ŀ		204-371-1	120-12-7	1	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	9	fluoranthene				-0.047			-0.017		-0.0000047.0/		-1.00
20	ŀ		205-912-4	206-44-0	1	<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene				-0.015	ma/ka		<0.015	ma/ka	<0.0000015 %		<lod< td=""></lod<>
29	_		204-927-3	129-00-0		<0.015	mg/kg		<u> </u>	mg/kg	~0.0000013 %		\LUD
30	T	benzo[a]anthracen	e			<0.014	mg/kg		<0.014	ma/ka	<0.0000014 %	П	<lod< td=""></lod<>
30	E	601-033-00-9	200-280-6	56-55-3		V0.014			V0.014	mg/kg	V0.0000014 /6		\LUD
31		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
	E	601-048-00-0	205-923-4	218-01-9		\0.01	mg/kg		VO.01	g/kg	10.0000170	Ш	
32		benzo[b]fluoranthe	ne			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	E	601-034-00-4	205-911-9	205-99-2		30.010	g/itg		33.010	g/kg	13.0000010 70	Ш	
33		benzo[k]fluoranthe	ne			<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
	E	601-036-00-5	205-916-6	207-08-9		30.017	g, kg		30.017	9,119	10.000014 70	Ш	
34	T	benzo[a]pyrene; be	enzo[def]chrysene			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
	$\rightarrow$		200-028-5	50-32-8	1	10.010	9/119		13.010	9/119	3.0000010 /0	Ш	
35	0	indeno[123-cd]pyre				<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
$\vdash$	4		205-893-2	193-39-5	+							Н	
36		dibenz[a,h]anthrac				<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
$\vdash \vdash$	$\rightarrow$	601-041-00-2	200-181-8	53-70-3	_							$\vdash$	
37	0	benzo[ghi]perylene		1		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
$\vdash$	4		205-883-8	191-24-2	+							Н	
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	6.29 %	L	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: WS26 Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	arsenic { arsenic tr	ioxide }	1327-53-3		14.9	mg/kg	1.32	19.673	mg/kg	0.00197 %		
2	æ\$	boron { diboron tric		1303-86-2		1.36	mg/kg	3.22	4.379	mg/kg	0.000438 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.32	mg/kg	1.142	2.65	mg/kg	0.000265 %		
4	4	chromium in chrom		ls {		29.2	mg/kg	1.462	42.677	mg/kg	0.00427 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		28.1	mg/kg	1.126	31.637	mg/kg	0.00316 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		32800	mg/kg	1.43	46895.63	mg/kg	4.69 %		
8	4	lead {			1	142	mg/kg		142	mg/kg	0.0142 %		
9	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4		33.9	mg/kg	2.637	89.384	mg/kg	0.00894 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.1	mg/kg	1.405	1.546	mg/kg	0.000155 %		
12	4		nadium pentaoxide	; vanadium		49.4	mg/kg	1.785	88.188	mg/kg	0.00882 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		250	mg/kg	2.469	617.324	mg/kg	0.0617 %		
14	0	рН		PH		6.44	рН		6.44	рН	6.44 pH		



$\overline{}$			MALD		T			1	,		T	$\overline{}$	
#			Determinand		Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	*	cyanides { salts contact exception of compless ferricyanides and magnetised elsewhere constructions.	ex cyanides such a ercuric oxycyanide	as ferrocyanides,	-	<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	_	TPH (C6 to C40) pe	stroleum group		+							Н	
16	0	1F11 (CO to C40) pe	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene		l.	T				0.44				
18			203-625-9	108-88-3	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
<b>.</b>	0	ethylbenzene											
19			202-849-4	100-41-4	+	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methyl 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			202-049-5	91-20-3	+							Н	
23	0	acenaphthylene		I		<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<lod< td=""></lod<>
			205-917-1	208-96-8	-							Н	
24	0	acenaphthene		I		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-469-6	83-32-9		-0.04			-0.04		-0.000004.0/	Н	<lod< td=""></lod<>
25			201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg 	<0.000001 %	Н	<lud< td=""></lud<>
26	0	phenanthrene	201-581-5	85-01-8		0.0424	mg/kg		0.0424	mg/kg	0.00000424 %		
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		0.119	mg/kg		0.119	mg/kg	0.0000119 %		
29	0	pyrene	200-912-4	200-44-0		0.102	mg/kg		0.102	mg/kg	0.0000102 %		
Ľ		- 2	204-927-3	129-00-0		2	99			8''8		Ш	
30		benzo[a]anthracene	200-280-6	56-55-3		0.059	mg/kg		0.059	mg/kg	0.0000059 %		
31		chrysene				0.0649	mg/kg		0.0649	mg/kg	0.00000649 %	П	
$\vdash$			205-923-4	218-01-9	$\vdash$							H	
32		benzo[b]fluoranthen		bos oc c		0.111	mg/kg		0.111	mg/kg	0.0000111 %		
$\vdash$			205-911-9	205-99-2	+							Н	
33		benzo[k]fluoranthen				0.0356	mg/kg		0.0356	mg/kg	0.00000356 %		
		601-036-00-5 2 benzo[a]pyrene; ber	205-916-6 nzo[def]chrysene	207-08-9								Н	
34			200-028-5	50-32-8		0.064	mg/kg		0.064	mg/kg	0.0000064 %		
35	0	indeno[123-cd]pyrei	ne 205-893-2	193-39-5		0.051	mg/kg		0.051	mg/kg	0.0000051 %		
36		dibenz[a,h]anthrace	ene			<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %	П	<lod< td=""></lod<>
			200-181-8	53-70-3	1							Щ	
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	0.0565	mg/kg		0.0565	mg/kg	0.00000565 %		
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	П	<lod< td=""></lod<>
$\vdash$		604-001-00-2	203-632-7	108-95-2								Ш	
										Total:	4.798 %	L	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

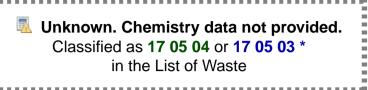
Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection







## Sample details

Sample name:

WS28
Chapter:
Sample Depth:
Chapter:
Tr: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Trop Construction and Demolition Wastes (including excavated soil from contaminated sites)
Trop Construction and Demolition Wastes (including excavated soil from contaminated sites)
Trop Construction and Demolition Wastes (including excavated soil from contaminated sites)
Trop Construction and Demolition Wastes (including excavated soil from contaminated sites)

03)

## **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Conc. N	
	EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC	
			•				Total:	0%		

Key

User supplied data

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

#### Sample details

Sample name: LoW Code: WS28[2] Chapter: Sample Depth: 0.7 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		15.7	mg/kg	1.32	20.729	mg/kg	0.00207 %		
2	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< th=""></lod<>
	<u> </u>	cadmium { cadmiu	1	1303-00-2	H								
3	•	048-002-00-0	215-146-2	1306-19-0	1	3.64	mg/kg	1.142	4.158	mg/kg	0.000416 %		
4	4	chromium in chron	nium(III) compound e (worst case) }	s { •		17.4	mg/kg	1.462	25.431	mg/kg	0.00254 %		
	_		215-160-9	1308-38-9	$\perp$							H	
5	4	oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	-								
6	4	029-002-00-X	oxide; copper (I) ox 215-270-7	1317-39-1	-	16.5	mg/kg	1.126	18.577	mg/kg	0.00186 %		
7	4	iron ( iron (III) o	xide } 215-168-2	4000 07 4		31800	mg/kg	1.43	45465.886	mg/kg	4.547 %		
8	4	lead {	pounds with the exe e in this Annex (wo		1	69.1	mg/kg		69.1	mg/kg	0.00691 %		
9	4	mercury { mercury	<u> </u>			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
_		080-010-00-X	231-299-8	7487-94-7	-								
10		nickel { nickel sulfa		7700 04 4		36.8	mg/kg	2.637	97.03	mg/kg	0.0097 %		
11	4	cadmium sulphose elsewhere in this A	232-104-9 m compounds with elenide and those s innex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8											
12	4	vanadium { • divapentoxide }	nadium pentaoxide	; vanadium		33.1	mg/kg	1.785	59.09	mg/kg	0.00591 %		
		023-001-00-8	215-239-8	1314-62-1									
13	_	zinc { zinc sulphate				273	mg/kg	2.469	674.118	mg/kg	0.0674 %		
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		2/3	mg/kg	2.409	674.116	mg/kg	0.0074 %		
14	0	рН		lou		7.42	рН		7.42	рН	7.42 pH		
				PH									





$\overline{}$				<del></del>	T								
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi			valuo	MC	
15	<b>≪</b>	cyanides { salts exception of completerricyanides and magnetified elsewhere 006-007-00-5	ex cyanides such nercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			atralaum araum		+								
16	Θ	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	202 625 0	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
-		ethylbenzene	203-625-9	100-00-3	+								
19		•	202-849-4	100-41-4	1	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene		,								П	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy 603-181-00-X	, ,	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	l.	\		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			202-049-5	91-20-3	+								
23	0	acenaphthylene	205-917-1	208-96-8	-	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene			t	*O 000	malka		-0.009	ma/ka	-0.0000008.8/		<lod< td=""></lod<>
24			201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lud< td=""></lud<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
20	0	pyrene	200-312*4	£00- <del>11</del> -0	+	-0.045	m = // -		-0.045	m ~ //	*0 000004E 0/		105
29	Ĺ		204-927-3	129-00-0	1	<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
30		benzo[a]anthracen	e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe	ne			<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
-			205-911-9	205-99-2	+								
33		benzo[k]fluoranthei 601-036-00-5	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	enzo[def]chrysene 200-028-5	50-32-8	_	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene			<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac		193-39-5		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
<u></u>			200-181-8	53-70-3	1								
37	0	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		1-2. 001 00 2		1:00 00 2						Total:	4.648 %		
				-									





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: WS29 Chapter: Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		15.9	mg/kg	1.32	20.993	mg/kg	0.0021 %		
2	4		oxide; boric oxide } 215-125-8	1303-86-2		1.33	mg/kg	3.22	4.282	mg/kg	0.000428 %		
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		2.09	mg/kg	1.142	2.387	mg/kg	0.000239 %		
4	4	chromium in chrom		ls { • 1308-38-9		29.1	mg/kg	1.462	42.531	mg/kg	0.00425 %		
5	æ <b>\$</b>	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the dicop	oxide; copper (I) ox 215-270-7	ride }		27.6	mg/kg	1.126	31.075	mg/kg	0.00311 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		35700	mg/kg	1.43	51041.89	mg/kg	5.104 %		
8	4	lead { lead compospecified elsewher			1	140	mg/kg		140	mg/kg	0.014 %		
9	4	mercury { mercury	dichloride }	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		34.7	mg/kg	2.637	91.493	mg/kg	0.00915 %		
11	æ\$	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.16	mg/kg	1.405	1.63	mg/kg	0.000163 %		
12	æ	vanadium { • divapentoxide }				48.4	mg/kg	1.785	86.403	mg/kg	0.00864 %		
13		023-001-00-8 zinc { zinc sulphate 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		282	mg/kg	2.469	696.342	mg/kg	0.0696 %		
14	0	pH	231-793-3 [2]	7733-02-0 [2] PH		6.53	рН		6.53	pН	6.53 pH		





			Determinand		te			Conv			Classification	Applied	Conc. Not
#		EU CLP index	EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	value	MC App	Used
15		cyanides { a salts exception of compl ferricyanides and n specified elsewher 006-007-00-5	lex cyanides such mercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< th=""></lod<>
	_	TPH (C6 to C40) p	etroleum aroun		1							Н	
16		, , , , ,	letroleum group	TPH		<35	mg/kg		<35 	mg/kg	<0.0035 %		<lod< td=""></lod<>
17	L	benzene	000 752 7	74 42 2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	-	601-020-00-8 toluene	200-753-7	71-43-2	+							Н	
18		601-021-00-3	203-625-9	108-88-3	_	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
40	_	ethylbenzene	F00 020 0	100 00 0		0.00			0.00	,	0.000000.0/	Н	1.00
19	L	601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene											
20	•	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 503-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
	-	601-052-00-2	202-049-5	91-20-3	-							Н	
23	0	acenaphthylene	DOE 047.4	600.00.0	_	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
	0	acenaphthene	205-917-1	208-96-8	+							Н	
24	9	асспарпинене	201-469-6	83-32-9	-	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		0.0468	mg/kg		0.0468	mg/kg	0.00000468 %		
	0	anthracene	201-361-3	03-01-6								Н	
27			204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	,			0.129	mg/kg		0.129	mg/kg	0.0000129 %		
20			205-912-4	206-44-0		0.129			0.129	mg/kg	0.0000129 78		
29	0	pyrene				0.113	mg/kg		0.113	mg/kg	0.0000113 %		
$\vdash$			204-927-3	129-00-0	-							H	
30	L	benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3	_	0.0687	mg/kg		0.0687	mg/kg	0.00000687 %		
	_	chrysene	200-200-0	po-55-5	+					_		Н	
31		601-048-00-0	205-923-4	218-01-9	-	0.0678	mg/kg		0.0678	mg/kg	0.00000678 %		
32	_	benzo[b]fluoranthe	1		T	0.109	ma/ka		0.109	ma/ka	0.0000109 %	П	
32	(	601-034-00-4	205-911-9	205-99-2		0.109	mg/kg		0.109	mg/kg	0.0000109 %		
33		benzo[k]fluoranthe	ne			0.0359	mg/kg		0.0359	mg/kg	0.00000359 %		
			205-916-6	207-08-9	1	0.0000				99			
34		benzo[a]pyrene; be		50.00.0		0.0647	mg/kg		0.0647	mg/kg	0.00000647 %		
$\vdash$	_		200-028-5	50-32-8	+							H	
35	Θ	indeno[123-cd]pyre	ene  205-893-2	193-39-5	-	0.0483	mg/kg		0.0483	mg/kg	0.00000483 %		
	$\dashv$	dibenz[a,h]anthrac		1.00 00 0	+	6.000			6.000		0.00000000	Н	
36		601-041-00-2	200-181-8	53-70-3	-	<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	e			0.0466	mg/kg		0.0466	mg/kg	0.00000466 %		
Ŭ,			205-883-8	191-24-2		3.0400			3.0400	g/\\g	3.00000700 /0	Ц	
38	L	phenol 604-001-00-2	203-632-7	108-95-2	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Г			1	1						Total:	5.22 %	П	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

Sample details

Sample name: LoW Code:

WS46 Chapter:
Sample Depth:
2.3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 03 \* (Soil and stones containing hazardous substances)

#### **Hazard properties**

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

Force this Hazardous property to hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 2.01%)

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.: 2.01%)

Carc. 2; H351 "Suspected of causing cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

naphthalene: (conc.: 1.9%)

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 12.5 pH)

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.: 2.01%)

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 2; H411 "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 2.01%)

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

Because of determinand:

naphthalene: (conc.: 1.9%)

## **Determinands**

#			Determinand  EU CLP index		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC,	Oseu
1	e C	arsenic { arsenic tri	<mark>oxide</mark> } 215-481-4	1327-53-3		610	mg/kg	1.32	805.398	mg/kg	0.0805 %		
2	æ G	boron { diboron trio	xide; boric oxide }			<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
			215-125-8	1303-86-2	$\vdash$								
3	æ <b>\$</b>	cadmium { cadmiur 048-002-00-0	215-146-2	1306-19-0		0.101	mg/kg	1.142	0.115	mg/kg	0.0000115 %		
4	æ\$	chromium in chrom				3.5	mg/kg	1.462	5.115	mg/kg	0.000512 %		
		chromium in chrom		1308-38-9	+								
5	æ	oxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
		024-001-00-0 copper { dicopper o	215-607-8	1333-82-0	-								
6	4		215-270-7	1317-39-1		6.31	mg/kg	1.126	7.104	mg/kg	0.00071 %		
7	**	iron { • iron (III) ox	,			2620	mg/kg	1.43	3745.931	mg/kg	0.375 %		
	_		215-168-2	1309-37-1	_								
8	æ	lead {			1	70.8	mg/kg		70.8	mg/kg	0.00708 %		
9	æ\$	mercury { mercury	dichloride }	Į.		0.579	mg/kg	1.353	0.784	mg/kg	0.0000784 %		
Ľ			231-299-8	7487-94-7		0.073		1.000	0.704		0.0000704 70		
10	æ <b>g</b>	nickel { nickel sulfat				2.44	mg/kg	2.637	6.434	mg/kg	0.000643 %		
_	_		232-104-9	7786-81-4									
11	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8			$\vdash$							H	
12	æ\$	vanadium { divar pentoxide } 023-001-00-8	nadium pentaoxide	e; vanadium 1314-62-1		4.68	mg/kg	1.785	8.355	mg/kg	0.000835 %		
	æ			1314-02-1									
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		51.8	mg/kg	2.469	127.91	mg/kg	0.0128 %		
14	0	рН		PH		12.5	рН		12.5	рН	12.5 pH		
15	4	cyanides { salts exception of completerricyanides and management of specified elsewhere one-content of the salts of the sa	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		13.6	mg/kg	1.884	25.622	mg/kg	0.00256 %		
16	0	TPH (C6 to C40) pe	etroleum group	TPH		20100	mg/kg		20100	mg/kg	2.01 %		
17	T	benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	_	601-020-00-8 toluene	200-753-7	71-43-2	$\vdash$								
18			203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202 840 4	100 41 4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
	-	xylene	202-849-4	100-41-4	$\vdash$								
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>





_	_	MACD			_			_				_	
#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
21		tert-butyl methyl et 2-methoxy-2-methy	ylpropane	4004.04.4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	216-653-1	1634-04-4	+	19000	mg/kg		19000	mg/kg	1.9 %		
$\vdash$		601-052-00-2	202-049-5	91-20-3	-								
23	0	acenaphthylene	005 047 4	000.00.0	4	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
		acenaphthene	205-917-1	208-96-8									
24	0	асепарпинене	201-469-6	83-32-9	-	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
25	0	fluorene	201 403 0	00 02 0					-		0.0005.0/	Н	1.00
25			201-695-5	86-73-7	-	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
26	0	phenanthrene				79.6	mg/kg		79.6	mg/kg	0.00796 %		
			201-581-5	85-01-8		75.0			7 3.0		0.00730 70		
27	0	anthracene				<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
			204-371-1	120-12-7							10.0000 //		
28	8	fluoranthene	205-912-4	206-44-0		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
29	0	pyrene	204-927-3	129-00-0		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
30		benzo[a]anthracen 601-033-00-9	e 200-280-6	56-55-3	-	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0	205-923-4	218-01-9	_	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
32		benzo[b]fluoranthe 601-034-00-4	ne 205-911-9	205-99-2	_	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	207-08-9		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be	enzo[def]chrysene 200-028-5	50-32-8	-	<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
36		dibenz[a,h]anthrac 601-041-00-2	ene 200-181-8	53-70-3		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene	205-883-8	191-24-2		<5	mg/kg		<5	mg/kg	<0.0005 %		<lod< td=""></lod<>
38		phenol 604-001-00-2	203-632-7	108-95-2		1.58	mg/kg		1.58	mg/kg	0.000158 %		
39	0	1,1-dichloroethane	and 1,2-dichloroe 203-458-1, 200-863-5	ethane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40		2,2-dichloropropan	209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
41	0	bromochlorometha	200-826-3	74-97-5		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichlor 602-006-00-4	omethane 200-663-8	67-66-3		<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroetha 602-013-00-2	ne; methyl chlorofo 200-756-3	orm 71-55-6		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropen 602-031-00-0	209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachlorid	le; tetrachlorometh 200-262-8	56-23-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane 602-012-00-7	; ethylene dichlori 203-458-1	de  107-06-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; t 602-027-00-9	richloroethene 201-167-4	79-01-6		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropan 602-020-00-0	e; propylene dichl 201-152-2	oride  78-87-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
_	_												



		MACDO	JIIALD										
#			Determinand		Note	User entered da	ta	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			T doto!			valuo	MC	0000
50	0	bromodichlorometh	nane			<0.14 mo	/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
			200-856-7	75-27-4	4								
51		1,3-dichloropropen				<0.2 mc	ı/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
31			208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.2 IIIg	/kg		<0.2	ilig/kg	<0.00002 /8		\LOD
	0	trans-1,3-dichlorop			T	-0.2 ma	./1.~		-0.2		-0.00002.0/	П	<lod< td=""></lod<>
52			431-460-4	10061-02-6		<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lud< td=""></lud<>
53		1,1,2-trichloroethar	ne			<0.2 mc	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			201-166-9	79-00-5	-								
54	0	1,3-dichloropropan	e 205-531-3	142-28-9	-	<0.14 mg	/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
	_	dibromochlorometh		142-20-9	+							Н	
55	•		204-704-0	124-48-1	-	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1,2-dibromoethane		1.2		0.0	,,				0.00000.0/		
56		602-010-00-6	203-444-5	106-93-4		<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene				<0.1 mc	ı/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
Ŭ.			203-628-5	108-90-7		1011					10.00001 70	Ш	
58	0	1,1,1,2-tetrachloroe		630-20-6	-	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene		1.00 10 5		<0.2 mg	ı/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		601-026-00-0 bromoform; tribrom	202-851-5	100-42-5	+							Н	
60			200-854-6	75-25-2	+	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		bromobenzene		. 0 20 2		0.0	,		0.0		0.00000.0/		
61		602-060-00-9	203-623-8	108-86-1	1	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa				<0.32 mg	ı/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
			202-486-1	96-18-4	+								
		2-chlorotoluene; [1] 4-chlorotoluene; [3] 602-040-00-X	chlorotoluene [4]	95-49-8 [1]									
63			203-580-5 [2] 203-397-0 [3]	108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-tr	rimethylbenzene			<0.16 mg	ı/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
04		601-025-00-5	203-604-4	108-67-8		<0.10 IIIg	/kg		<b>VO.10</b>	/kg	<0.000010 78		\LOD
65	0	tert-butylbenzene				<0.28 mg	/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
			202-632-4	98-06-6	_							Н	
66		1,2,4-trimethylbenz 601-043-00-3	zene 202-436-9	95-63-6		<0.18 mg	/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
	-	sec-butylbenzene	202-436-9	93-63-6	+								
67	•		205-227-0	135-98-8		<0.2 mg	J/kg		<0.2	mg/kg	<0.00002 %	Ш	<lod< td=""></lod<>
68	0	4-isopropyltoluene	202-796-7	99-87-6	-	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
69		1,4-dichlorobenzen				<0.1 mg	ı/kg		<0.1	mg/kg	<0.00001 %	П	<lod< td=""></lod<>
υσ		602-035-00-2	203-400-5	106-46-7		\0.1 Mg	, ky		<b>CU.</b> I	mg/kg	20.00001 76		\LUD
70	0	n-butylbenzene	203-209-7	104-51-8	-	<0.22 mg	ı/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
<u> </u>		1,2-dichlorobenzen			+							H	
71		· '		95-50-1	+	<0.2 mg	/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
72		1,2-dibromo-3-chlo	ropropane	•		<0.28 mg	ı/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
			202-479-3	96-12-8	1	10.20	,9			9/1.9	21000020 70		
73		1,2,4-trichlorobenze 602-087-00-6	ene 204-428-0	120-82-1		<0.4 mg	/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
74	0	hexachlorobutadier	ne		T	<0.4 mg	ı/kg		<0.4	mg/kg	<0.00004 %	П	<lod< td=""></lod<>
				87-68-3	+							Н	
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6	-	<0.4 mg	/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
76	0	polychlorobiphenyl	s; PCB		$\dagger$	<0.036 mg	ı/kg		<0.036	mg/kg	<0.000036 %		<lod< td=""></lod<>
_		602-039-00-4	215-648-1	1336-36-3			. 3					μ	
										Total:	4.407 %		





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





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

## Sample details

Sample name: LoW Code: WS46[2] Chapter: Sample Depth:

3 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#			Note	User entered	data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	CLP							MC	
1	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		104 ı	mg/kg	1.32	137.314	mg/kg	0.0137 %		
	<u> </u>	boron { diboron trioxide; boric oxide }		4.44		0.00	0.074		0.000007.0/		
2	_	005-008-00-8 215-125-8 1303-86-2		1.14	mg/kg	3.22	3.671	mg/kg	0.000367 %		
3	æ <b>g</b>	cadmium { cadmium oxide }		0.0545	mg/kg	1.142	0.0623	mg/kg	0.00000623 %		
	_	048-002-00-0 215-146-2 1306-19-0									
4	≪\$	chromium in chromium(III) compounds {		26.1	mg/kg	1.462	38.147	mg/kg	0.00381 %		
		215-160-9 1308-38-9								Ш	
5	æ <u>\$</u>	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
		024-001-00-0 215-607-8 1333-82-0						_			
6	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		17.5 ı	mg/kg	1.126	19.703	mg/kg	0.00197 %		
7	4	iron { <sup>®</sup> <mark>iron (III) oxide</mark> }		31200	mg/kg	1.43	44608.039	mg/kg	4.461 %		
		215-168-2 1309-37-1									
8	4	lead {  lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	16.5	mg/kg		16.5	mg/kg	0.00165 %		
		082-001-00-6									
9	æ	mercury { mercury dichloride }           080-010-00-X         231-299-8         7487-94-7		<0.1 ı	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfate }		12.1	mg/kg	2.637	31.904	mg/kg	0.00319 %		
		028-009-00-5 232-104-9 7786-81-4					000.		0.000.0 %	Ш	
11	≪3	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8									
12	4	vanadium {		43.4	mg/kg	1.785	77.477	mg/kg	0.00775 %		
		023-001-00-8 215-239-8 1314-62-1									
		zinc { zinc sulphate }									
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		69.8 ı	mg/kg	2.469	172.357	mg/kg	0.0172 %		
14	0	рН		3.13	рН		3.13	pН	3.13 pH		
Ĺ		PH							- 1		





=					_			_				_	
#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC /	Used
15	4	cyanides { salts exception of compl ferricyanides and n specified elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		17.8	mg/kg	1.884	33.535	mg/kg	0.00335 %		
16	0	TPH (C6 to C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3	203-625-9	108-88-3		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	_	<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl etl 2-methoxy-2-methy	her; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene	202-049-5	91-20-3		7.94	mg/kg		7.94	mg/kg	0.000794 %		
23	0	acenaphthylene	205-917-1	208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene	201-469-6	83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0		204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30			e 200-280-6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
31			205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32			205-911-9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33			205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3 indeno[123-cd]pyre	200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0		205-893-2	193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36			200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0		205-883-8	191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38	0	•	203-632-7 and 1.2-dichloroe	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	9		203-458-1, 200-863-5	107-06-2, 75-34-3	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropan	e 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>





# EU CLP index number	lassification value	Conc. Not Used <lod <lod="" <lod<="" th=""></lod>
1   bromochloromethane	.00002 % .000016 % .000014 %	<lod <lod="" <lod<="" td=""></lod>
41	.000016 % .000014 %	<lod< td=""></lod<>
42	.000014 %	<lod< td=""></lod<>
43	.00002 %	
$  44 \rangle   =   40.2 \text{ mg/kg}   < 0.2 \text{ mg/kg} $		<lod< td=""></lod<>
	.00002 %	
45 carbon tetrachloride; tetrachloromethane		<lod< td=""></lod<>
46 1,2-dichloroethane; ethylene dichloride 602-012-00-7   203-458-1   107-06-2   <0.1 mg/kg <0.1 mg/kg <0.1	.00001 %	<lod< td=""></lod<>
47 trichloroethylene; trichloroethene	.000018 %	<lod< td=""></lod<>
48 1,2-dichloropropane; propylene dichloride 602-020-00-0   201-152-2   78-87-5   <0.2 mg/kg <0.1 m	.00002 %	<lod< td=""></lod<>
49 dibromomethane <a href="https://doi.org/10.18">dibromomethane</a> <0.18 mg/kg <0.18 mg/kg <0.18 mg/kg	.000018 %	<lod< td=""></lod<>
50 bromodichloromethane <a href="https://www.energia.com/septembergia.com/&lt;/td&gt;&lt;td&gt;.000014 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;  1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]&lt;/td&gt;&lt;td&gt;.00002 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;52 trans-1,3-dichloropropene&lt;/td&gt;&lt;td&gt;.00002 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;53 1,1,2-trichloroethane&lt;/td&gt;&lt;td&gt;.00002 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;54 1,3-dichloropropane &lt;0.14 mg/kg &lt;0.14 mg/kg &lt;0.14 mg/kg&lt;/td&gt;&lt;td&gt;.000014 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;  55   o   dibromochloromethane                                      &lt;/td&gt;&lt;td&gt;.00002 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;56         1,2-dibromoethane         &lt;0.2&lt;/td&gt;         mg/kg         &lt;0.2&lt;/td&gt;         mg/kg         &lt;0.1&lt;/td&gt;&lt;/td&gt;&lt;td&gt;.00002 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;57         chlorobenzene         &lt;0.1&lt;/th&gt;         mg/kg         &lt;0.1&lt;/th&gt;         mg/kg         &lt;0.1&lt;/th&gt;&lt;/td&gt;&lt;td&gt;.00001 %&lt;/td&gt;&lt;td&gt;&lt;LOD&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;58 1,1,1,2-tetrachloroethane &lt;a href=" https:="" td="" www.ncbe.ne<=""><td>.00002 %</td><td><lod< td=""></lod<></td></a>	.00002 %	<lod< td=""></lod<>
59         styrene         <0.2         mg/kg         <0.2         mg/kg         <0.1	.00002 %	<lod< td=""></lod<>
60 bromoform; tribromomethane	.00002 %	<lod< td=""></lod<>
61 bromobenzene	.00002 %	<lod< td=""></lod<>
62 1,2,3-trichloropropane	.000032 %	<lod< td=""></lod<>
2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] <0.2 mg/kg <0.2 mg/kg <0.1 mg/kg	.00002 %	<lod< td=""></lod<>
203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]		
64 mesitylene; 1,3,5-trimethylbenzene	.000016 %	<lod< td=""></lod<>
65 tert-butylbenzene	.000028 %	<lod< td=""></lod<>
66 1,2,4-trimethylbenzene	.000018 %	<lod< td=""></lod<>
67 sec-buty/lbenzene <a href="https://www.energia.com/sec-buty/lbenzene">sec-buty/lbenzene</a> <0.2 mg/kg <0.1	.00002 %	<lod< td=""></lod<>





#		Determinand  EU CLP index number		User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene 202-796-7 99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene 203-209-7   104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %		<lod< td=""></lod<>
71		1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %	Ì	<lod< td=""></lod<>
72		1,2-dibromo-3-chloropropane 602-021-00-6 202-479-3 96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenzene 602-087-00-6 204-428-0   120-82-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
74	9	hexachlorobutadiene 201-765-5 87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
75	9	1,2,3-trichlorobenzene 201-757-1 87-61-6		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<lod< th=""></lod<>
						Total:	4.519 %		

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





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

## Sample details

Sample name: LoW Code: **WS48** Chapter: Sample Depth:

0.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		20.5	mg/kg	1.32	27.067	mg/kg	0.00271 %		
2	æ\$					<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.534	mg/kg	1.142	0.61	mg/kg	0.000061 %		
4	4	chromium in chrom		ls {		114	mg/kg	1.462	166.617	mg/kg	0.0167 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper (				134	mg/kg	1.126	150.869	mg/kg	0.0151 %		
7	4	iron { • iron (III) o	<mark>xide</mark> } 215-168-2	1309-37-1		24300	mg/kg	1.43	34742.799	mg/kg	3.474 %		
8	4	lead { lead compospecified elsewher 082-001-00-6			1	145	mg/kg		145	mg/kg	0.0145 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		28.6	mg/kg	2.637	75.409	mg/kg	0.00754 %		
11	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	4	vanadium { • divapentoxide }				49.1	mg/kg	1.785	87.653	mg/kg	0.00877 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		287	mg/kg	2.469	708.688	mg/kg	0.0709 %		
14	0	pH		PH		8.24	рН		8.24	рН	8.24 pH		





#		EU CLP index	Determinand	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number	EC Number	CAS Number	딩							MO	
15	<b>4</b>	cyanides { salts exception of comp ferricyanides and r specified elsewher 006-007-00-5	lex cyanides such mercuric oxycyanic	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
16	0	TPH (C6 to C40) p	petroleum group	ТРН		61	mg/kg		61	mg/kg	0.0061 %		
17		benzene 601-020-00-8	000 752 7	71-43-2	_	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene	200-753-7			<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4	203-625-9	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy	ther; MTBE;	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		0.421	mg/kg		0.421	mg/kg	0.0000421 %		
23	0	acenaphthylene	205-917-1	208-96-8		0.0744	mg/kg		0.0744	mg/kg	0.00000744 %		
24	0	acenaphthene	201-469-6	83-32-9		0.0114	mg/kg		0.0114	mg/kg	0.00000114 %		
25	0	fluorene	201-695-5	86-73-7		0.0234	mg/kg		0.0234	mg/kg	0.00000234 %		
26	0	phenanthrene	201-581-5	85-01-8		0.513	mg/kg		0.513	mg/kg	0.0000513 %		
27	0	anthracene	204-371-1	120-12-7		0.143	mg/kg		0.143	mg/kg	0.0000143 %		
28	0	fluoranthene	205-912-4	206-44-0		1.31	mg/kg		1.31	mg/kg	0.000131 %		
29	0	pyrene	204-927-3	129-00-0		1.18	mg/kg		1.18	mg/kg	0.000118 %		
30		benzo[a]anthracen 601-033-00-9	ne  200-280-6	56-55-3		0.776	mg/kg		0.776	mg/kg	0.0000776 %		
31		chrysene 601-048-00-0	205-923-4	218-01-9		0.737	mg/kg		0.737	mg/kg	0.0000737 %		
32		benzo[b]fluoranthe 601-034-00-4	ene  205-911-9	205-99-2		0.975	mg/kg		0.975	mg/kg	0.0000975 %		
33		benzo[k]fluoranthe 601-036-00-5	205-916-6	207-08-9		0.339	mg/kg		0.339	mg/kg	0.0000339 %		
34		<b>}</b>	200-028-5	50-32-8		0.612	mg/kg		0.612	mg/kg	0.0000612 %		
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.426	mg/kg		0.426	mg/kg	0.0000426 %		
36		dibenz[a,h]anthrac 601-041-00-2	zene  200-181-8	53-70-3		0.071	mg/kg		0.071	mg/kg	0.0000071 %		
37	0	benzo[ghi]perylene	e 205-883-8	191-24-2		0.393	mg/kg		0.393	mg/kg	0.0000393 %		
38		phenol 604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
39	0	1,1-dichloroethane	203-458-1,	thane (combined)	3	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
40	0	2,2-dichloropropar	200-863-5 ne 209-832-0	594-20-7		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		l .	E03-002-0	P34-20-1									





		MACDO			_								
#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
41	9	number bromochlorometha	ine			<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	_	<lod< td=""></lod<>
L.,			200-826-3	74-97-5		10.2					10.00002 /0		1202
42		chloroform; trichlor	omethane			<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
72		602-006-00-4	200-663-8	67-66-3		<b>40.10</b>			<b>40.10</b>		<b>40.000010</b> 70		LOD
43		1,1,1-trichloroethar	ne; methyl chlorofo	orm		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		602-013-00-2 1,1-dichloropropen	200-756-3	71-55-6									
44			209-253-3	563-58-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachlorid				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			200-262-8	56-23-5	4								
46		1,2-dichloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			203-458-1	107-06-2									
47		trichloroethylene; to				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			201-167-4	79-01-6	4							ш	
48		1,2-dichloropropan				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	_		201-152-2	78-87-5	+								
49		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
		1,3-dichloropropen			+								
51			208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		trans-1,3-dichlorop		10001-01-3 [2]	+					_			
52	Θ	traris-1,3-dicrilorop	431-460-4	10061-02-6	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		1 1 2 triphloroothou		10001-02-0	+								
53		1,1,2-trichloroethar 602-014-00-8	201-166-9	79-00-5	-	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropan		79-00-5		<0.14	mg/kg		<0.14	mg/kg	<0.00014 %		<lod< td=""></lod<>
			205-531-3	142-28-9									
55	0	dibromochlorometh				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
			204-704-0	124-48-1									
56		1,2-dibromoethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
		602-010-00-6	203-444-5	106-93-4	4								
57		chlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-033-00-1	203-628-5	108-90-7	$\perp$								
58	0	1,1,1,2-tetrachloroe	ethane 211-135-1	630-20-6		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
60		601-026-00-0 bromoform; tribrom	202-851-5 nomethane	100-42-5	+	<0.2	ma/ka		<0.2	ma/ka	<0.00002 %		<lod< td=""></lod<>
		602-007-00-X	200-854-6	75-25-2		<0.2	mg/kg		<0.Z	mg/kg	C0.00002 76		\LUD
61		bromobenzene 602-060-00-9	202 622 8	100 06 4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
62		1,2,3-trichloropropa	203-623-8 ane	108-86-1		<0.32	mg/kg		<0.32	mg/kg	<0.000032 %		<lod< td=""></lod<>
		602-062-00-X	202-486-1	96-18-4		30.02	g, kg		70.02		10.00002 /0		
		2-chlorotoluene; [1 4-chlorotoluene; [3											
63		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
64		mesitylene; 1,3,5-ti		-		-0.46	ma/ks		-0.10	me/les	±0.000046.0/		100
64			203-604-4	108-67-8	$\dashv$	<0.16	mg/kg		<0.16	mg/kg	<0.000016 %		<lod< td=""></lod<>
65	0	tert-butylbenzene	*	*		.0.00	m ~ /!		-0.00	m = /1	*0.000000 n/		1.00
65			202-632-4	98-06-6		<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
66		1,2,4-trimethylbenz 601-043-00-3	zene 202-436-9	95-63-6	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
67	0	sec-butylbenzene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
	Щ		205-227-0	135-98-8									





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
68	0	4-isopropyltoluene	202-796-7	99-87-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
69		1,4-dichlorobenzen 602-035-00-2	ne; p-dichlorobenze 203-400-5	ene  106-46-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
70	0	n-butylbenzene	203-209-7	104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %		<lod< th=""></lod<>
71		1,2-dichlorobenzen 602-034-00-7	ne; o-dichlorobenze 202-425-9	ene 95-50-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
72		1,2-dibromo-3-chlo 602-021-00-6	ropropane 202-479-3	96-12-8		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<lod< th=""></lod<>
73		1,2,4-trichlorobenz	ene 204-428-0	120-82-1	_	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
74	0	hexachlorobutadier	ne 201-765-5	87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<lod< th=""></lod<>
75	0	1,2,3-trichlorobenz	ene 201-757-1	87-61-6		<0.4 mg/kg		<0.4 mg/kg	<0.00004 %		<lod< th=""></lod<>
76	0	polychlorobiphenyl: 602-039-00-4	s; PCB 215-648-1	1336-36-3		<0.036 mg/kg		<0.036 mg/kg	<0.0000036 %		<lod< th=""></lod<>
								Total	3.619 %		

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

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

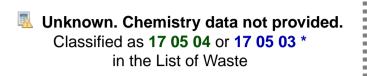
TPH (C6 to C40) petroleum group: (conc.: 0.0061%)





17: Construction and Demolition Wastes (including excavated soil

Classification of sample: WS48[2]



## Sample details

Sample name: LoW Code: WS48[2] Chapter:

Sample Depth: from contaminated sites)
2.5 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		Note	User entered data	Conv.	Compound conc.	Classification value	Applied O	onc. Not
		EU CLP index number	EC Number	CAS Number	CLP		racioi		value	MC /	Osed
			•	•				Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code: WS50A Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		User entered data		ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used	
1	-	arsenic { arsenic tr	ioxide }	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
2	4	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		1.3	mg/kg	3.22	4.186	mg/kg	0.000419 %		
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	m oxide } 215-146-2	1306-19-0		3.56	mg/kg	1.142	4.067	mg/kg	0.000407 %		
4	₽	chromium in chrom		ls { • 1308-38-9		36.7	mg/kg	1.462	53.639	mg/kg	0.00536 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	tide }		29.5	mg/kg	1.126	33.214	mg/kg	0.00332 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		66000	mg/kg	1.43	94363.159	mg/kg	9.436 %		
8	*	lead {			1	42.2	mg/kg		42.2	mg/kg	0.00422 %		
9	~	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	-	nickel { <mark>nickel sulfa</mark> 028-009-00-5	ite } 232-104-9	7786-81-4		48.9	mg/kg	2.637	128.934	mg/kg	0.0129 %		
11	♣	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			1.45	mg/kg	1.405	2.037	mg/kg	0.000204 %		
12	4		nadium pentaoxide	9; vanadium		64.1	mg/kg	1.785	114.43	mg/kg	0.0114 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		410	mg/kg	2.469	1012.412	mg/kg	0.101 %		
14	0	pH		РН		7.56	рН		7.56	рН	7.56 pH		



# EU CLP index		Classification value Conc. Use Conc. Use
Cyanides {		
15		<0.000188 % <lo< td=""></lo<>
TPH (C6 to C40) petroleum group	<35 mg/kg	
TPH	<35 mg/kg	
17		<0.0035 % <lo< td=""></lo<>
17		
18         toluene         <0.14	<0.18 mg/kg	<0.000018 % <lo< td=""></lo<>
19	<0.14 mg/kg	<0.000014 % <lo< td=""></lo<>
19	0.00 #	
20	<0.08 mg/kg	<0.000008 % <lo< td=""></lo<>
20		
21     2-methoxy-2-methylpropane     <0.2	<0.4 mg/kg	<0.00004 % <lo< td=""></lo<>
22     naphthalene 601-052-00-2     202-049-5     91-20-3     <0.009	<0.2 mg/kg	<0.00002 % <lo< td=""></lo<>
22		
23 acenaphthylene	<0.009 mg/kg	<0.0000009 % <lo< td=""></lo<>
24     acenaphthene     <0.008	<0.012 mg/kg	<0.0000012 % <lo< td=""></lo<>
25 • fluorene	<0.008 mg/kg	<0.0000008 % <lo< td=""></lo<>
26 phenanthrene		
26 phenanthrene <a href="https://www.energia.com/specification/"></a>	<0.01 mg/kg	<0.000001 % <lo< td=""></lo<>
27 anthracene <0.016 mg/kg	<0.015 mg/kg	<0.0000015 % <lo< td=""></lo<>
	<0.016 mg/kg	<0.0000016 % <lo< td=""></lo<>
28 Indicate the fluoranthene fluoranthene contact the fluoranthene cont	<0.017 mg/kg	<0.0000017 % <lo< td=""></lo<>
29 pyrene <a doi.org="" href="https://www.energians.com/youngs.com&lt;/td&gt;&lt;td&gt;&lt;0.015 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.0000015 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;30 benzo[a]anthracene &lt;0.014 mg/kg 601-033-00-9 200-280-6 56-55-3&lt;/td&gt;&lt;td&gt;&lt;0.014 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.0000014 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;31 chrysene &lt;a href=" https:="" li=""> <a doi.org="" href="https://doi.org/li&gt; &lt;a href=" https:="" li=""> <a 40018"="" href="https://doi.org/li&gt; &lt;a h&lt;/td&gt;&lt;td&gt;&lt;0.01 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.000001 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;32 benzo[b]fluoranthene&lt;/td&gt;&lt;td&gt;&lt;0.015 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.0000015 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;33 benzo[k]fluoranthene&lt;/td&gt;&lt;td&gt;&lt;0.014 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.0000014 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;34 benzo[a]pyrene; benzo[def]chrysene&lt;/td&gt;&lt;td&gt;&lt;0.015 mg/kg&lt;/td&gt;&lt;td&gt;&lt;0.0000015 % &lt;LO&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;35 indeno[123-cd]pyrene &lt;a href=" https:="" red="" www.ncbests.com="">&lt;0.018 mg/kg</a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	<0.018 mg/kg	<0.0000018 % <lo< td=""></lo<>
36 dibenz[a,h]anthracene	<0.023 mg/kg	<0.0000023 % <lo< td=""></lo<>
37 benzo[ghi]perylene <0.024 mg/kg	<0.024 mg/kg	<0.0000024 % <lo< td=""></lo<>
38	<0.01 mg/kg	<0.000001 % <lo< td=""></lo<>
39 1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 107-06-2, 75-34-3 200-863-5	<0.16 mg/kg	<0.000016 % <lo< td=""></lo<>
40 2,2-dichloropropane <0.2 mg/kg		<0.00002 % <lo< td=""></lo<>





=			_						_	
#		Determinand	CLP Note	User entere	d data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLP			1 actor		value	MC,	Oseu
41	0	bromochloromethane 200-826-3 74-97-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
42		chloroform; trichloromethane 602-006-00-4 200-663-8 67-66-3	_	<0.16	mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
43		1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6		<0.14	mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
44		1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
45		carbon tetrachloride; tetrachloromethane 602-008-00-5   200-262-8   56-23-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
46		1,2-dichloroethane; ethylene dichloride         602-012-00-7       203-458-1       107-06-2		<0.1	mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
47		trichloroethylene; trichloroethene 602-027-00-9   201-167-4   79-01-6		<0.18	mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
48		1,2-dichloropropane; propylene dichloride         602-020-00-0       201-152-2       78-87-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
49		dibromomethane         200-824-2         74-95-3		<0.18	mg/kg		<0.18 mg/kg	<0.000018 %		<lod< td=""></lod<>
50	0	bromodichloromethane 200-856-7 75-27-4	_	<0.14	mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
51		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
52	Θ	trans-1,3-dichloropropene 431-460-4 10061-02-6	_	<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
53		<b>1,1,2-trichloroethane</b> 602-014-00-8   201-166-9   79-00-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
54	0	1,3-dichloropropane   205-531-3   142-28-9		<0.14	mg/kg		<0.14 mg/kg	<0.000014 %		<lod< td=""></lod<>
55	0	dibromochloromethane         204-704-0         124-48-1		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
56		1,2-dibromoethane       602-010-00-6     203-444-5     106-93-4		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
57		chlorobenzene         203-628-5         108-90-7		<0.1	mg/kg		<0.1 mg/kg	<0.00001 %		<lod< td=""></lod<>
58	0	1,1,1,2-tetrachloroethane   211-135-1   630-20-6		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
59		styrene         202-851-5         100-42-5		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
60		bromoform; tribromomethane 602-007-00-X 200-854-6 75-25-2		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
61		bromobenzene         602-060-00-9         203-623-8         108-86-1		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
62		<b>1,2,3-trichloropropane</b> 602-062-00-X 202-486-1 96-18-4		<0.32	mg/kg		<0.32 mg/kg	<0.000032 %		<lod< td=""></lod<>
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X		<0.2	mg/kg		<0.2 mg/kg	<0.00002 %		<lod< td=""></lod<>
64		246-698-2 [4] 25168-05-2 [4] mesitylene; 1,3,5-trimethylbenzene	+	<0.16	mg/kg		<0.16 mg/kg	<0.000016 %		<lod< td=""></lod<>
65	_	601-025-00-5 203-604-4  108-67-8 tert-butylbenzene		<0.28	mg/kg		<0.28 mg/kg			<lod< td=""></lod<>
66		202-632-4 98-06-6 1,2,4-trimethylbenzene	+	<0.18	mg/kg		<0.28 mg/kg			<lod <lod< td=""></lod<></lod 
67	0	601-043-00-3 202-436-9 95-63-6 sec-butylbenzene	+							<lod <lod< td=""></lod<></lod 
07		205-227-0   135-98-8		<0.2	mg/kg		<0.2 mg/kg	0.00002 %		LUD





#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
68	Θ	number 4-isopropyltoluene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %	F	<lod< th=""></lod<>
			202-796-7	99-87-6		<b>VO.2</b>			<b>VO.2</b>		Q0.00002 70		\LOD
69		1,4-dichlorobenzen	e; p-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
03		602-035-00-2	203-400-5	106-46-7		<b>40.1</b>	mg/kg		70.1	ilig/kg	<0.00001 78		\LOD
70	0	n-butylbenzene				<0.22	mg/kg		<0.22	mg/kg	<0.000022 %		<lod< td=""></lod<>
10			203-209-7	104-51-8		<b>VO.ZZ</b>	mg/kg		<b>VO.ZZ</b>	mg/kg	Q0.000022 70		\LOD
71		1,2-dichlorobenzen	e; o-dichlorobenz	ene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		602-034-00-7	202-425-9	95-50-1		<b>VO.1</b>	mg/kg		70.1	mg/kg	Q0.00001 70		LOD
72		1,2-dibromo-3-chloropropane				<0.28	mg/kg		<0.28	mg/kg	<0.000028 %		<lod< td=""></lod<>
		602-021-00-6 202-479-3 96-12-8				<b>VO.20</b>	mg/kg		<b>V0.20</b>	mg/kg	Q0.000020 70		\LOD
73		1,2,4-trichlorobenz	ene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
10		602-087-00-6	204-428-0	120-82-1		<b>VO.1</b>	mg/kg		<b>VO. 1</b>	mg/kg	Q0.00001 70		\L0D
74	0	hexachlorobutadier	ne			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
' -			201-765-5	87-68-3		<b>VO.1</b>	mg/kg		<b>V</b> 0.1	mg/kg	Q0.00001 78		\LOD
75	0	4.0.0 triablement arrange				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
	201-757-1 87-61-6					<b>\0.4</b>	mg/kg		70.4	iiig/kg	C0.00004 70		\LUD
76	polychlorobiphenyls; PCB					<0.036	mg/kg		<0.036	mg/kg	<0.0000036 %		<lod< td=""></lod<>
	602-039-00-4 215-648-1 1336-36-3					<0.030	ilig/kg		\0.030	ilig/kg	<0.0000000 /8		LOD
										Total:	9.583 %		

Kev	

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided.
Classified as 17 05 04 or 17 05 03 \*
in the List of Waste

## Sample details

Sample name: LoW Code: WS50A[2] Chapter: Sample Depth: Entry:

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

#### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data





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

## Sample details

Sample name: LoW Code: WS54 Chapter: Sample Depth:

0.6 m Entry:

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

## **Hazard properties**

None identified

#### **Determinands**

#			Note	User entered data	Conv.	Compound conc.	Classification value	MC Applied	Conc. Not
		EU CLP index	CLP					MC	
1	e <b>4</b>	arsenic { arsenic trioxide } 033-003-00-0		18.7 mg/kg	1.32	24.69 mg/kg	0.00247 %		
	æ	boron { diboron trioxide; boric oxide }		4.50	0.00	5 000 #	0.000500.0/		
2	_	005-008-00-8 215-125-8 1303-86-2		1.56 mg/kg	3.22	5.023 mg/kg	0.000502 %		
3	æ	cadmium { cadmium oxide }		1.94 mg/kg	1.142	2.216 mg/kg	0.000222 %		
	-	048-002-00-0 215-146-2 1306-19-0		0 0				-	
4	₫\$	chromium in chromium(III) compounds {		50.4 mg/kg	1.462	73.662 mg/kg	0.00737 %		
		215-160-9 1308-38-9						┡	
5	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/kg	1.923	<1.154 mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0 215-607-8 1333-82-0						-	
6	4	copper { dicopper oxide; copper (I) oxide }           029-002-00-X         215-270-7         1317-39-1		61.9 mg/kg	1.126	69.692 mg/kg	0.00697 %		
7	æ å	iron { ® iron (III) oxide }		38200 mg/kg	1.43	54616.252 mg/kg	5.462 %		
		215-168-2 1309-37-1						-	
8	₫.	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	283 mg/kg		283 mg/kg	0.0283 %		
		082-001-00-6						$\perp$	
9	_	mercury { mercury dichloride }           080-010-00-X         231-299-8         7487-94-7		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	æ	nickel { nickel sulfate }		41.1 mg/kg	2.637	108.368 mg/kg	0.0108 %		
		028-009-00-5 232-104-9 7786-81-4			2.00.	Todiodo Iliging	0.0100 /0		
11	≪\$	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<lod< td=""></lod<>
		034-002-00-8							
12	4	vanadium {		63.9 mg/kg	1.785	114.073 mg/kg	0.0114 %		
		023-001-00-8 215-239-8 1314-62-1							
	_	zinc { zinc sulphate }							
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		315 mg/kg	2.469	777.828 mg/kg	0.0778 %		
14	0	pH		7.83 pH		7.83 pH	7.83 pH		
Ľ		PH				F			





Specified elsewhere in this Armex   006-007-00-5	Classification value  0.000188 %  0.000018 %  0.0000014 %  0.000004 %  0.000002 %  0.0000009 %  0.00000012 %	<lod <lod="" <lod<="" th=""></lod>
15	0.0035 %  0.000018 %  0.000014 %  0.000008 %  0.000002 %  0.0000009 %	<lod <lod="" <lod<="" td=""></lod>
TPH (C6 to C40) petroleum group	0.000018 % 0.000014 % 0.000008 % 0.000004 % 0.000002 %	<lod <lod="" <lod<="" td=""></lod>
16	0.000018 % 0.000014 % 0.000008 % 0.000004 % 0.000002 %	<lod <lod="" <lod<="" td=""></lod>
17	0.000014 % 0.000008 % 0.000004 % 0.000002 % 0.0000009 %	<lod <lod="" <lod<="" td=""></lod>
18	0.000008 % 0.00004 % 0.00002 % 0.000009 %	<lod <lod="" <lod<="" td=""></lod>
ethylbenzene	0.00004 %	<lod <lod< td=""></lod<></lod 
xylene	0.00002 %	<lod <lod< td=""></lod<></lod 
20	0.00002 %	<lod <lod< td=""></lod<></lod 
21   2-methoxy-2-methylpropane	0.0000009 %	<lod< td=""></lod<>
22		
23   acenaphthylene   205-917-1   208-96-8   <0.012   mg/kg   <0.012   mg/kg   <0.012   co.012   mg/kg   <0.012   mg/kg   <0.014   mg/kg   <	0.0000012 %	<lod< td=""></lod<>
23	0.0000012 %	<lod< td=""></lod<>
24		
25	0.0000008 %	<lod< td=""></lod<>
26         phenanthrene         0.0323 mg/kg         0.0368 mg/kg	0.000001 %	<lod< td=""></lod<>
27   anthracene	0.00000323 %	
28 Indicate the pyrene		
29 pyrene	0.0000016 %	<lod< td=""></lod<>
29 pyrene	0.00000776 %	
29 204-927-3  129-00-0   0.0679 mg/kg   0.0679 mg/k		
30 benzo[a]anthracene 0.0368 mg/kg 0.0368 mg/kg 0.0	0.00000679 %	
	0.00000368 %	
chrysene 0 0004 mm/m 0 0004 mm/m 0 0		
31 Chrysene 0.0381 mg/kg 0.0381	0.00000381 %	
henzo[h]fluoranthene	0.00000676 %	
601-034-00-4 205-911-9 205-99-2	0.000000.0 /0	
33	0.00000231 %	
601-036-00-5 205-916-6 207-08-9 benzo[alpyrene; benzo[def]chrysene		
34   berizolajpyrene, berizolderjumysene   0.0382 mg/kg   0.0382 m	0.00000382 %	
35 indeno[123-cd]pyrene 0.0408 mg/kg 0.0408	0.00000408 %	
dibenzia blanthracene	0 0000033 %	<lod< td=""></lod<>
36 601-041-00-2 200-181-8 53-70-3 <a href="https://doi.org/10.023/mg/kg">&lt;0.023 mg/kg</a> <0.023 mg/kg <0.02	0.0000023 %	<lud< td=""></lud<>
37 benzo[ghi]perylene 0.033 mg/kg 0.03 mg/kg 0.031 mg/kg 0.033 mg/		
phenol	0.0000033 %	<lod< td=""></lod<>
	0.0000033 %	- 1





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Unknown. Chemistry data not provided. Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code: WS54[2] Chapter: Sample Depth: Entry:

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

#### **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv. Factor	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i acioi		value	MC /	Oseu
							Total:	0%		

Key

User supplied data







Unknown. Chemistry data not provided.

Classified as 17 05 04 or 17 05 03 \* in the List of Waste

## Sample details

Sample name: LoW Code:

WS57 Chapter: Sample Depth: Entry: 0.1 m

17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 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		Note	User entered data	Conv.	Compound conc.		Applied O O	nc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		racioi			MC/	Jseu
							Total:	0%		

Key

User supplied data

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

#### Sample details

Sample name: LoW Code: WS57[2] Chapter: Sample Depth: Entry:

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

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide }  215-481-4	1327-53-3		7.87	mg/kg	1.32	10.391	mg/kg	0.00104 %		
2	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	æ	cadmium { cadmiu	1	1303-00-2	$\vdash$	0.450			0.510				
3	~	048-002-00-0	215-146-2	1306-19-0	1	0.452	mg/kg	1.142	0.516	mg/kg	0.0000516 %		
4	4	chromium in chrom				4.22	mg/kg	1.462	6.168	mg/kg	0.000617 %		
-		abasasinas is abasas	215-160-9	1308-38-9	H							H	
5	4	oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
		024-001-00-0	215-607-8	1333-82-0	┢								
6	4		oxide; copper (I) ox 215-270-7	1317-39-1	-	8.31	mg/kg	1.126	9.356	mg/kg	0.000936 %		
7	4	iron { • iron (III) o	xide } 215-168-2	4200 27 4		16900	mg/kg	1.43	24162.688	mg/kg	2.416 %		
8	4	lead { • lead com	pounds with the exercise in this Annex (wo		1	10.9	mg/kg		10.9	mg/kg	0.00109 %		
9	4	mercury { mercury	,			<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
_	_	080-010-00-X	231-299-8	7487-94-7	-								
10	æ	nickel { nickel sulfa		7700 04 4		9.91	mg/kg	2.637	26.13	mg/kg	0.00261 %		
11	4	cadmium sulphose elsewhere in this A	232-104-9 m compounds with elenide and those s nnex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8			_								
12	4	vanadium { • divapentoxide }	nadium pentaoxide	e; vanadium		11.9	mg/kg	1.785	21.244	mg/kg	0.00212 %		
		023-001-00-8	215-239-8	1314-62-1	1_								
13		zinc { <mark>zinc sulphate</mark> 030-006-00-9	231-793-3 [1]	7446-19-7 [1]		29.8	mg/kg	2.469	73.585	mg/kg	0.00736 %		
14	0	pН	231-793-3 [2]	7733-02-0 [2]	+	7.74	n I I		7.74	nII.	7.74 ml.l		
14				PH		7.71	рН		7.71	pН	7.71 pH		



		MACDO			_								
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	*	cyanides { salts exception of completerricyanides and magnetised elsewhere 006-007-00-5	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
			atralaum araun		+							Н	
16	0	TPH (C6 to C40) pe	etroieum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene			†	2.1.							
18			203-625-9	108-88-3	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
			202-849-4	100-41-4	-							Н	
20			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			202-049-5	91-20-3	+							Н	
23	0	acenaphthylene	005 047 4	000.00.0	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
			205-917-1	208-96-8	+							Н	
24	0	acenaphthene	201-469-6	83-32-9	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			201-695-5	86-73-7	-								
26	0	phenanthrene	201-581-5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene	204-371-1	120-12-7	-	<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	0	fluoranthene	205-912-4	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene	204-927-3 e	129-00-0		<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<lod< td=""></lod<>
50		601-033-00-9	200-280-6	56-55-3	L	\U.U14	mg/kg		VU.U14	g/kg	10.000014 /0		~
31		chrysene 601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranther	ne			<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
			205-911-9	205-99-2	+							$\vdash$	
33		benzo[k]fluoranther 601-036-00-5	ne 205-916-6	207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; be 601-032-00-3	nzo[def]chrysene 200-028-5	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyre		00-02-0		<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<lod< td=""></lod<>
JJ			205-893-2	193-39-5	1	Q.016	mg/kg		QU.010	mg/kg	CO.0000010 70		
36		dibenz[a,h]anthrace 601-041-00-2	ene 200-181-8	53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	Θ	benzo[ghi]perylene	205-883-8	191-24-2	-	<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	H	<lod< td=""></lod<>
		604-001-00-2	203-632-7	108-95-2								$\vdash$	
										Total:	2.437 %	$\perp$	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

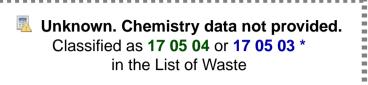
Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection







## Sample details

Sample name: LoW Code: WS64 Chapter:

Sample Depth: from contaminated sites) Entry: 0.1 m

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

## **Hazard properties**

None identified

## **Determinands**

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

#		Determinand		Note	User entered data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP		i actor		value	MC	Osed
		•					Total:	0%		

Key

User supplied data

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

## Sample details

Sample name: LoW Code: WS64[2] Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		2.95	mg/kg	1.32	3.895	mg/kg	0.000389 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.0247	mg/kg	1.142	0.0282	mg/kg	0.00000282 %		
4	4	chromium in chrom		ls { • 1308-38-9		4.48	mg/kg	1.462	6.548	mg/kg	0.000655 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	ride }		4.28	mg/kg	1.126	4.819	mg/kg	0.000482 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		4410	mg/kg	1.43	6305.175	mg/kg	0.631 %		
8	4	lead {			1	9.85	mg/kg		9.85	mg/kg	0.000985 %		
9	æ\$	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		4.59	mg/kg	2.637	12.102	mg/kg	0.00121 %		
11	4	cadmium sulphose	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4	34-002-00-8				6.73	mg/kg	1.785	12.014	mg/kg	0.0012 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		13.3	mg/kg	2.469	32.842	mg/kg	0.00328 %		
14	0	pH   PH				7.99	рН		7.99	рН	7.99 pH		



EU CLP pidox	$\overline{}$	$\overline{}$		,		1							$\overline{}$	
Secretary   Complete cyanides such as ferrocyanides, secreption of complex cyanides and those secretary in this Annax y condition of the process of	#					Note	User entere	d data		Compound	conc.		Applied	Conc. Not Used
Secretario of complex cyanides such as ferrocyanides, demicracines and mecure oxyanides such as ferrocyanides and mecure oxyanides an				EC Number	CAS Number	CLF							MC	
TPH (C6 to C40) petroleum group	15		exception of completerricyanides and management of specified elsewhere	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
				otroloum group		+					_		Н	
17	16	0	1PH (C6 t6 C40) p	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
	17			200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18						+								
19	18			203-625-9	108-88-3	+	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
Self-023-00-4   202-849-4   100-41-4	19	0	ethylbenzene	200-020-9	).		<0.08	mg/kg		<0.08	mg/kg	<0.00008 %		<lod< td=""></lod<>
20			601-023-00-4	202-849-4	100-41-4	$\perp$							Ш	
Column	20		601-022-00-9	203-396-5 [2] 203-576-3 [3]	106-42-3 [2] 108-38-3 [3]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
Color	21		2-methoxy-2-methy	/lpropane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
Country   Coun	22		naphthalene	l.	,		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
205-917-1   208-96-8   200-96-8   201-2   mg/kg   20000012 %   200000012 %   200000012 %   2000000000000000000000000000000000				202-049-5	91-20-3	+							Н	
Acceptable	23	0	, ,	bos 047.4	boo oo o	4	<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
Part				205-917-1	208-96-8	+							Н	
Column	24	0	·	ho4 400 0	ho. oo o	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
201-695-5   86-73-7	25	0		201-469-6	83-32-9		<0.01	ma/ka		<0.01	ma/ka	<0.000001 %		<lod< td=""></lod<>
201-581-5   85-01-8   20.015   mg/kg   20.000015 %   20.000015 %   20.000015 %   20.000016 %   20.000016 %   20.000016 %   20.000016 %   20.000016 %   20.0000016 %   20.0000016 %   20.0000017 %   20.0000016 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000017 %   20.0000015 %   20.00000015 %   20.00000015 %   20.00000015 %   20.00000015 %   20.00000015 %   20.0000000000000000000000000000000000				201-695-5	86-73-7									
204-371-1   120-12-7   20.016   mg/kg   <0.016   mg/kg   <0.0000016   <0.000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000016   <0.0000017   <0.0000017   <0.0000017   <0.0000017   <0.0000017   <0.0000017   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.0000015   <0.00000015   <0.00000015   <0.00000015   <0.00000015   <0.00000015   <0.0000000000000000000000000000000000	26	0	· ·	201-581-5	85-01-8	-	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
Flag	27	0		204-371-1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
Description   Section	28	9	fluoranthene	l .	,		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
204-927-3   129-00-0	29	9		205-912-4	206-44-0	+	<0.015	ma/ka		<0.015	ma/ka	<0.0000015 %		<i od<="" td=""></i>
Solid   Soli		L		204-927-3	129-00-0	$\perp$	10.010			40.010		13.0000010 70		
Chrysene   Chrysene	30				56-55-3	-	<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
benzo[b]fluoranthene   co.015 mg/kg   co.0000015 %   clob   co.014 mg/kg   co.0000015 %   clob   co.014 mg/kg   co.0000014 %   clob   co.014 mg/kg   co.0000014 %   clob   co.015 mg/kg   co.0000014 %   clob   co.015 mg/kg   co.0000015 %   clob   co.015 mg/kg   co.0000023 %   clob   co.015 mg/kg   co.0000023 %   clob   co.015 mg/kg   co.0000023 %   clob   co.015 mg/kg   co.0000024 %   clob   co.015 mg/kg   co.0000024 %   clob   co.015 mg/kg   co.0000016 %   clob   co.015 mg/kg   co.015 mg/kg   co.0000016 %   clob   co.015 mg/kg   co.015 mg/kg   co.0000016 %   clob   co.015 mg/kg   co.01	31		chrysene		,	T	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Solidario   Soli	32		benzo[b]fluoranthe	ne	<u></u> 18-01-9	+	<0.015	ma/ka		<0.015	ma/ka	<0.000015 %		<lod< td=""></lod<>
Solution   Solution					205-99-2			39						
benzo[a]pyrene; benzo[def]chrysene	33				207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
Solid column   Soli	34		benzo[a]pyrene; be	enzo[def]chrysene	,	+	<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
205-893-2   193-39-5					50-32-8	1								
37 benzo[ghi]perylene	35	0			193-39-5	-	<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
benzo[ghi]perylene	36				53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
38 phenol	37	Θ	benzo[ghi]perylene	)			<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
604-001-00-2 203-632-7 108-95-2	38			205-883-8	191-24-2	+	<0.01	ma/ka		<0.01	mg/kg	<0.000001 %	H	<lod< td=""></lod<>
Total: 0.643 %			604-001-00-2	203-632-7	108-95-2		.5.01	9/119		13.01			Ш	
											Total:	0.643 %	L	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: **WS65** Chapter: Sample Depth:

0.6 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		5.58	mg/kg	1.32	7.367	mg/kg	0.000737 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.12	mg/kg	1.142	0.137	mg/kg	0.0000137 %		
4	₫.	chromium in chrom		ls { • 1308-38-9		50.7	mg/kg	1.462	74.101	mg/kg	0.00741 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	ride }		13.5	mg/kg	1.126	15.199	mg/kg	0.00152 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		13300	mg/kg	1.43	19015.606	mg/kg	1.902 %		
8	æ	lead { lead compospecified elsewher			1	24.7	mg/kg		24.7	mg/kg	0.00247 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		7.87	mg/kg	2.637	20.751	mg/kg	0.00208 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		42	mg/kg	2.469	103.71	mg/kg	0.0104 %		
14	0	рН		PH		8.25	рН		8.25	рН	8.25 pH		





#		Determinand	CLP Note	User entered of	data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index	CLP			Factor			value	MC A	Used
15	æ <b>\$</b>	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 r	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5								Н	
16	0	TPH (C6 to C40) petroleum group		<35 r	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-753-7 71-43-2	-	<0.18 r	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9 108-88-3	-	<0.14 r	ng/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	9	ethylbenzene 601-023-00-4 202-849-4 100-41-4	1	<0.08 r	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	+							Н	
20		601-022-00-9		<0.4 r	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4		<0.2 r	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene		0.0412 r	mg/kg		0.0412	mg/kg	0.00000412 %		
-		601-052-00-2 202-049-5 91-20-3 acenaphthylene	+							H	
23	0	205-917-1 208-96-8	-	0.017 r	mg/kg		0.017	mg/kg	0.0000017 %		
24	0	acenaphthene 201-469-6 83-32-9		0.0148 r	ng/kg		0.0148	mg/kg	0.00000148 %		
25	0	fluorene 201-695-5 86-73-7		0.0141 r	mg/kg		0.0141	mg/kg	0.00000141 %		
26	0	phenanthrene   201-581-5   85-01-8		0.245 r	ng/kg		0.245	mg/kg	0.0000245 %		
27	0	anthracene		0.0596 r	ng/kg		0.0596	mg/kg	0.00000596 %		
28	9	204-371-1   120-12-7   fluoranthene		0.582 r	ng/kg		0.582	mg/kg	0.0000582 %		
29	0	205-912-4 206-44-0 pyrene		0.503 r	ng/kg		0.503	mg/kg	0.0000503 %		
		204-927-3   129-00-0	1	0.000	ng/Ng		0.505	g/Rg	3.0000000 /0	$\vdash$	
30		benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3		0.273 r	mg/kg		0.273	mg/kg	0.0000273 %		
31		<b>chrysene</b> 601-048-00-0 205-923-4 218-01-9		0.253 r	mg/kg		0.253	mg/kg	0.0000253 %		
32		benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2	-	0.406 r	ng/kg		0.406	mg/kg	0.0000406 %		
20		benzo[k]fluoranthene	$\top$	0.447	oo a /!		0.447	ma m //	0.0000447.0/	П	
33		601-036-00-5   205-916-6   207-08-9   benzo[a]pyrene; benzo[def]chrysene			ng/kg		0.117	mg/kg	0.0000117 %		
34		601-032-00-3   200-028-5   50-32-8	1	0.267 r	mg/kg		0.267	mg/kg	0.0000267 %		
35	0	indeno[123-cd]pyrene   205-893-2   193-39-5		0.242 r	mg/kg		0.242	mg/kg	0.0000242 %		
36		dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3		0.0392 r	mg/kg		0.0392	mg/kg	0.00000392 %		
37	0	benzo[ghi]perylene		0.218 r	mg/kg		0.218	mg/kg	0.0000218 %		
38		205-883-8   191-24-2   phenol	+	0.0333 r	ng/kg		0.0333	mg/kg	0.00000333 %		
		604-001-00-2 203-632-7 108-95-2			0 0					Н	
								Total:	1.934 %	L	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code: WS66 Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< th=""></lod<>
3	8	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
4		2-methoxy-2-methy	ert-butyl methyl ether; MTBE; -methoxy-2-methylpropane				mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		1	1	1						Total:	3.0e-06 %		

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code: WS66[2] Chapter: Sample Depth:

0.9 m Entry:

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

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		4.96	mg/kg	1.32	6.549	mg/kg	0.000655 %		
2	4	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.0808	mg/kg	1.142	0.0923	mg/kg	0.00000923 %		
4	₫.	chromium in chrom		ls { • 1308-38-9		7.54	mg/kg	1.462	11.02	mg/kg	0.0011 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of 029-002-00-X	oxide; copper (I) ox 215-270-7	tide }		8.06	mg/kg	1.126	9.075	mg/kg	0.000907 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		14200	mg/kg	1.43	20302.377	mg/kg	2.03 %		
8	4	lead {  lead compospecified elsewher			1	19.7	mg/kg		19.7	mg/kg	0.00197 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		7.76	mg/kg	2.637	20.461	mg/kg	0.00205 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				13.1	mg/kg	1.785	23.386	mg/kg	0.00234 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		31.5	mg/kg	2.469	77.783	mg/kg	0.00778 %		
14	0	рН		PH		7.78	рН		7.78	рН	7.78 pH		





#		Determinand	CLP Note	User entered	data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number EC Number CAS Number	CLP			Factor	· 		value	MC Appli	Used
15	<b>4</b>	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 r	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5	-								
16	0	TPH (C6 to C40) petroleum group		<35 r	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-753-7 71-43-2	_	<0.009 r	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9 108-88-3	-	<0.007 r	mg/kg		<0.007	mg/kg	<0.0000007 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4 202-849-4 100-41-4	_	<0.004 r	mg/kg		<0.004	mg/kg	<0.0000004 %		<lod< td=""></lod<>
		xylene	$\dagger$								
20		601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]		<0.02 r	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane		<0.01 r	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
22		603-181-00-X   216-653-1   1634-04-4   naphthalene   601-052-00-2   202-049-5   91-20-3	_	<0.009 r	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2 202-049-5 91-20-3 acenaphthylene	+								
23	•	205-917-1 208-96-8	-	<0.012 r	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene 201-469-6 83-32-9		<0.008 r	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 201-695-5   86-73-7		<0.01 r	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene   201-581-5   85-01-8		<0.015 r	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene 204-371-1   120-12-7		<0.016 r	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	8	fluoranthene 205-912-4 206-44-0		0.0264 r	mg/kg		0.0264	mg/kg	0.00000264 %		
29	8	pyrene		0.0227 r	ma/ka		0.0227	ma/ka	0.00000227 %		
29		204-927-3   129-00-0		0.0227	mg/kg		0.0227	mg/kg	0.00000221 %		
30		benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3		<0.014 r	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		<b>chrysene</b> 601-048-00-0 205-923-4 218-01-9	-	0.0127 r	mg/kg		0.0127	mg/kg	0.00000127 %		
32		benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2		0.0203 r	mg/kg		0.0203	mg/kg	0.00000203 %		
		benzo[k]fluoranthene	$\dagger$	0.311			6.04.4	,,	0.000001101	H	1.65
33		601-036-00-5 205-916-6 207-08-9		<0.014 r	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[def]chrysene           601-032-00-3         200-028-5         50-32-8		<0.015 r	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyrene   205-893-2   193-39-5		<0.018 r	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3		<0.023 r	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		<0.024 r	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		205-883-8   191-24-2   phenol	_	<0.01 r	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
-		604-001-00-2 203-632-7 108-95-2									
								Total:	2.051 %	1_	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: WS68 Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		10.4	mg/kg	1.32	13.731	mg/kg	0.00137 %		
2	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
	<u> </u>	cadmium { cadmiu		1303-60-2	+								
3	W.	048-002-00-0	215-146-2	1306-19-0	-	0.205	mg/kg	1.142	0.234	mg/kg	0.0000234 %		
4	4		nium(III) compound e (worst case) }	s {		5.08	mg/kg	1.462	7.425	mg/kg	0.000742 %		
	-		215-160-9	1308-38-9	$\perp$								
5	4	oxide }	nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	-								
6	4	copper { dicopper of the dicop	oxide; copper (I) ox 215-270-7	1317-39-1	-	18.5	mg/kg	1.126	20.829	mg/kg	0.00208 %		
7	4	iron ( iron (III) oz	xide } 215-168-2	1309-37-1		23400	mg/kg	1.43	33456.029	mg/kg	3.346 %		
8	4	lead { • lead com	pounds with the exercise in this Annex (wo	ception of those	1	42.9	mg/kg		42.9	mg/kg	0.00429 %		
9	æ å	mercury { mercury				<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
_		080-010-00-X	231-299-8	7487-94-7	$\perp$								
10	æ 🎉	nickel { nickel sulfa		7700 04 4	_	10.8	mg/kg	2.637	28.476	mg/kg	0.00285 %		
	-	028-009-00-5	232-104-9	7786-81-4	+								
11	4		m compounds with elenide and those s Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8											
12	4	vanadium {	nadium pentaoxide	e; vanadium		19.3	mg/kg	1.785	34.454	mg/kg	0.00345 %		
		023-001-00-8	215-239-8	1314-62-1									
1.		zinc { zinc sulphate				0= =		0	400.075		0.0407.07		
13		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		67.5	mg/kg	2.469	166.678	mg/kg	0.0167 %		
14	0	pН		IDLI		7.64	рН		7.64	рН	7.64 pH		
				PH							- 1		





$\overline{}$	$\overline{}$		MALD	-	_							_	
#			Determinand		Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
15	*	cyanides { salts of exception of completerricyanides and managements of the cyanides and managements of the cyanides and managements of the cyanides of the cy	ex cyanides such a nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		TPH (C6 to C40) pe	otroloum group									Н	
16	0	1FH (C6 t0 C40) pt	etroleum group	TPH		56.5	mg/kg		56.5	mg/kg	0.00565 %		
17		benzene 601-020-00-8	200-753-7	71-43-2	-	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
		toluene		<u> </u>									
18			203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
$\vdash$	8	ethylbenzene		. 50 00 0	+							Н	
19		-	202-849-4	100-41-4	-	<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		xylene	202 0 10 1	100 11 1								Н	
20		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl eth 2-methoxy-2-methy 603-181-00-X	, ,	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
			202-049-3	91-20-3	+							Н	
23	0	acenaphthylene	205-917-1	208-96-8	4	0.0146	mg/kg		0.0146	mg/kg	0.00000146 %		
		acenaphthene	203-917-1	200-90-0								Н	
24	0		201-469-6	83-32-9	4	<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene				0.0914	mg/kg		0.0914	mg/kg	0.00000914 %		
			201-581-5	85-01-8								Н	
27	0	anthracene	204-371-1	120-12-7		0.018	mg/kg		0.018	mg/kg	0.0000018 %		
28	0	fluoranthene	205-912-4	206-44-0		0.322	mg/kg		0.322	mg/kg	0.0000322 %		
29	0	pyrene	205-912-4	200-44-0		0.286	mg/kg		0.286	mg/kg	0.0000286 %		
23			204-927-3	129-00-0		0.200	mg/kg		0.200	y/ky	0.0000200 /6		
30		benzo[a]anthracene	e 200-280-6	56-55-3		0.153	mg/kg		0.153	mg/kg	0.0000153 %		
31		chrysene				0.184	mg/kg		0.184	mg/kg	0.0000184 %		
			205-923-4	218-01-9	+							$\vdash$	
32		benzo[b]fluoranther		DOE 00 0		0.188	mg/kg		0.188	mg/kg	0.0000188 %		
$\vdash$			205-911-9	205-99-2	+							H	
33		benzo[k]fluoranther		207.09.0		0.0952	mg/kg		0.0952	mg/kg	0.00000952 %		
24		601-036-00-5 benzo[a]pyrene; be	205-916-6 nzo[def]chrysene	207-08-9		0.400	ma a: //		0.400	m a // : -	0.0000400.0/	H	
34			200-028-5	50-32-8		0.189	mg/kg		0.189	mg/kg	0.0000189 %		
35	0	indeno[123-cd]pyre	ne 205-893-2	193-39-5		0.209	mg/kg		0.209	mg/kg	0.0000209 %		
36		dibenz[a,h]anthrace	ene			0.0343	mg/kg		0.0343	mg/kg	0.00000343 %		
			200-181-8	53-70-3								Ш	
37	0	benzo[ghi]perylene	205-883-8	191-24-2		0.165	mg/kg		0.165	mg/kg	0.0000165 %		
38		phenol				0.011	mg/kg		0.011	mg/kg	0.0000011 %		
$\vdash$		604-001-00-2	203-632-7	108-95-2						To4-1	2 204 0/	H	
$\Box$										Total:	3.384 %	<u></u>	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification

## **Supplementary Hazardous Property Information**

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

Force this Hazardous property to non hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00565%)





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

## Sample details

Sample name: LoW Code: WS69 Chapter: Sample Depth:

0.1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	arsenic { arsenic tr	ioxide }	1327-53-3		7.62	mg/kg	1.32	10.061	mg/kg	0.00101 %		
2	4	boron { diboron tric				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.247	mg/kg	1.142	0.282	mg/kg	0.0000282 %		
4	4	chromium in chrom		ls { • 1308-38-9		6.14	mg/kg	1.462	8.974	mg/kg	0.000897 %		
5	4	chromium in chromoxide }				<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< td=""></lod<>
6	4	copper { dicopper of the copper of the coppe	oxide; copper (I) ox 215-270-7	ride }		20.3	mg/kg	1.126	22.856	mg/kg	0.00229 %		
7	4	iron { • iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		13300	mg/kg	1.43	19015.606	mg/kg	1.902 %		
8	æ	lead { lead compospecified elsewher			1	32.7	mg/kg		32.7	mg/kg	0.00327 %		
9	-	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		7.07	mg/kg	2.637	18.641	mg/kg	0.00186 %		
11		selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
12	æ\$	vanadium { • divapentoxide }				14.5	mg/kg	1.785	25.885	mg/kg	0.00259 %		
13	4	023-001-00-8 zinc { zinc sulphate 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		47	mg/kg	2.469	116.057	mg/kg	0.0116 %		
14	0	pH		PH		6.96	рН		6.96	рН	6.96 pH		





			Determinand		Ф							jed	
#		EU CLP index	EC Number	CAS Number	CLP Note	User entered	d data	Conv. Factor	Compound	conc.	Classification value	2 Applied	Conc. Not Used
		number	LO Nullibel	CAS Number	<sub></sub>							MC	
15	4	cyanides { salts exception of complete ferricyanides and respecified elsewhere constructions of the construction of the constr	lex cyanides such nercuric oxycyanid	as ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
	Н	TPH (C6 to C40) p	otroloum group		+		_					Н	
16	0	, , , , ,	etroleum group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8	200-753-7	71-43-2	_	<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
-	Н	toluene	200-753-7	/ 1-43-2	+								
18		601-021-00-3	203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	+							Н	
20		xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
		601-052-00-2	202-049-5	91-20-3	+				<u> </u>			Н	
23	0	acenaphthylene	205-917-1	208-96-8	_	0.0173	mg/kg		0.0173	mg/kg	0.00000173 %		
24	0	acenaphthene	201-469-6	83-32-9	T	0.0119	mg/kg		0.0119	mg/kg	0.00000119 %		
25	9	fluorene	201-405-5	86-73-7	+	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene				0.225	mg/kg		0.225	mg/kg	0.0000225 %		
		anthracene	201-581-5	85-01-8	-								
27	0	anunacene	204-371-1	120-12-7		0.029	mg/kg		0.029	mg/kg	0.0000029 %		
28	0	fluoranthene	205-912-4	206-44-0	-	0.62	mg/kg		0.62	mg/kg	0.000062 %		
29	0	pyrene				0.528	mg/kg		0.528	mg/kg	0.0000528 %		
		benzo[a]anthracen	204-927-3	129-00-0	+								
30			200-280-6	56-55-3	-	0.25	mg/kg		0.25	mg/kg	0.000025 %		
31	П	chrysene 601-048-00-0	205-923-4	218-01-9		0.265	mg/kg		0.265	mg/kg	0.0000265 %		
32		benzo[b]fluoranthe	ne		$\dagger$	0.33	mg/kg		0.33	mg/kg	0.000033 %		
	Ш	601-034-00-4	205-911-9	205-99-2	-					5. 5			
33		benzo[k]fluoranthe 601-036-00-5	ne 205-916-6	207-08-9	-	0.138	mg/kg		0.138	mg/kg	0.0000138 %		
34		benzo[a]pyrene; be	enzo[def]chrysene		T	0.28	mg/kg		0.28	mg/kg	0.000028 %		
			032-00-3 200-028-5 50-32-8										
35	0	indeno[123-cd]pyre	ene 205-893-2	193-39-5		0.285	mg/kg		0.285	mg/kg	0.0000285 %		
36		dibenz[a,h]anthrac 601-041-00-2	ene 200-181-8	53-70-3		0.0466	mg/kg		0.0466	mg/kg	0.00000466 %		
37	0	benzo[ghi]perylene	1	PO-10-0		0.232	mg/kg		0.232	mg/kg	0.0000232 %		
J.		phonol	205-883-8	191-24-2	-	3.232			3.202	9/119	3.0000202 //	H	
38		phenol 604-001-00-2	203-632-7	108-95-2	L	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
										Total:	1.93 %	L	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

Sample details

Sample name: LoW Code: WS72 Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		benzene 601-020-00-8	200-753-7	71-43-2		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<lod< th=""></lod<>
2		toluene	203-625-9	108-88-3		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<lod< th=""></lod<>
3	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<lod< td=""></lod<>
4		tert-butyl methyl et 2-methoxy-2-methy 603-181-00-X		1634-04-4		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<lod< th=""></lod<>
		000 .0. 00 A		1.00.0.1				Total	0.00006 %	Н	

Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code: WS72[2] Chapter: Sample Depth:

0.8 m

Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand	Note	User entered data	1	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not
		EU CLP index	CLP							MC	
1	4	arsenic { arsenic trioxide } 033-003-00-0		1.81 mg/k	g	1.32	2.39	mg/kg	0.000239 %		
2	æ	boron { diboron trioxide; boric oxide }		4		2.00	2.00		0.000000.0/		<lod< td=""></lod<>
	_	005-008-00-8 215-125-8 1303-86-2		<1 mg/k	g	3.22	<3.22	mg/kg	<0.000322 %		<lud< td=""></lud<>
3	4	cadmium { cadmium oxide }		0.0441 mg/k	g	1.142	0.0504	mg/kg	0.00000504 %		
		048-002-00-0 215-146-2 1306-19-0			_						
4	æ <u>*</u>	<pre>chromium in chromium(III) compounds {     chromium(III) oxide (worst case) }</pre>		2.97 mg/k	g	1.462	4.341	mg/kg	0.000434 %		
		215-160-9 1308-38-9	_								
5	æ <u>&amp;</u>	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.6 mg/k	g	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
_	_	024-001-00-0 215-607-8 1333-82-0									
6	4	copper { dicopper oxide; copper (I) oxide }           029-002-00-X         215-270-7         1317-39-1		3.74 mg/k	g	1.126	4.211	mg/kg	0.000421 %		
7	æ.	iron { <sup>®</sup> iron (III) oxide }		3810 mg/k	g	1.43	5447.328	mg/kg	0.545 %		
		215-168-2 1309-37-1									
8	æ\$	lead {	1	1.84 mg/k	g		1.84	mg/kg	0.000184 %		
		082-001-00-6									
9	æ	mercury { mercury dichloride }           080-010-00-X         231-299-8         7487-94-7		<0.1 mg/k	g	1.353	<0.135	mg/kg	<0.0000135 %		<lod< th=""></lod<>
10	4	nickel { nickel sulfate }		8.43 mg/k	a	2.637	22.227	mg/kg	0.00222 %		
		028-009-00-5 232-104-9 7786-81-4		0.10 mg/N	9	2.007			0.00222 /0	Ш	
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<1 mg/k	g	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8									
12	<b>4</b>	vanadium { • divanadium pentaoxide; vanadium pentoxide }		5.39 mg/k	g	1.785	9.622	mg/kg	0.000962 %		
		023-001-00-8 215-239-8 1314-62-1									
		zinc { zinc sulphate }									
13		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		11.9 mg/k	g	2.469	29.385	mg/kg	0.00294 %		
14	0	рН		7.65 pH			7.65	pН	7.65 pH		
L	L	PH									





#		Determ	inand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index	ımber	CAS Number	CLP			Factor			value	MC ₽	Used
15	<b>4</b>	cyanides { salts of hydroge exception of complex cyanide ferricyanides and mercuric or specified elsewhere in this Al	es such a xycyanide	s ferrocyanides,		<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<lod< td=""></lod<>
		006-007-00-5			-								
16	Θ	TPH (C6 to C40) petroleum (	group	TPH		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
17		benzene 601-020-00-8 200-753-7	7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
18		toluene 601-021-00-3 203-625-9	)	108-88-3	_	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
19	0	ethylbenzene 601-023-00-4 202-849-4	1	100-41-4		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		xylene 601-022-00-9 202-422-2 203-396-5 203-576-3 215-535-7	5 [2] 3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
21		tert-butyl methyl ether; MTBE 2-methoxy-2-methylpropane 603-181-00-X 216-653-1		1634-04-4	_	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
22		naphthalene 601-052-00-2 202-049-5		91-20-3		<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<lod< td=""></lod<>
23	9	acenaphthylene		208-96-8		<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<lod< td=""></lod<>
24	0	acenaphthene		83-32-9		<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
25	0	fluorene 201-695-5		86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
26	0	phenanthrene 201-581-5	5	85-01-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
27	0	anthracene 204-371-1	1	120-12-7		<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<lod< td=""></lod<>
28	9	fluoranthene 205-912-4	1	206-44-0		<0.017	mg/kg		<0.017	mg/kg	<0.0000017 %		<lod< td=""></lod<>
29	0	pyrene 204-927-3	3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
30		benzo[a]anthracene 601-033-00-9 200-280-6	6	56-55-3		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
31		chrysene 601-048-00-0 205-923-4	1	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
32		benzo[b]fluoranthene 601-034-00-4 205-911-9	9	205-99-2		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
33		benzo[k]fluoranthene 601-036-00-5 205-916-6		207-08-9		<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<lod< td=""></lod<>
34		benzo[a]pyrene; benzo[def]cl	hrysene	50-32-8		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
35	0	indeno[123-cd]pyrene		193-39-5		<0.018	mg/kg		<0.018	mg/kg	<0.0000018 %		<lod< td=""></lod<>
36		dibenz[a,h]anthracene 601-041-00-2 200-181-8		53-70-3		<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<lod< td=""></lod<>
37	0	benzo[ghi]perylene		191-24-2		<0.024	mg/kg		<0.024	mg/kg	<0.0000024 %		<lod< td=""></lod<>
38		phenol 203-632-7 604-001-00-2 203-632-7		108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
				1.20 00 2						Total:	0.557 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: WS73 Chapter: Sample Depth: Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	æ å	arsenic { arsenic tr	ioxide }	1327-53-3		6.38	mg/kg	1.32	8.424	mg/kg	0.000842 %		
2	æ\$	boron { diboron tric		1303-86-2		<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<lod< td=""></lod<>
3	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.272	mg/kg	1.142	0.311	mg/kg	0.0000311 %		
4	4	chromium in chrom		ls {		5.81	mg/kg	1.462	8.492	mg/kg	0.000849 %		
5	4		nium(VI) compound			<0.6	mg/kg	1.923	<1.154	mg/kg	<0.000115 %		<lod< th=""></lod<>
6	æ\$	copper { dicopper of the copper of the coppe	oxide; copper (I) ox	tide }		13.9	mg/kg	1.126	15.65	mg/kg	0.00156 %		
7	4	iron { • iron (III) o	xide }	1309-37-1		9690	mg/kg	1.43	13854.227	mg/kg	1.385 %		
8	4	lead {			1	38.8	mg/kg		38.8	mg/kg	0.00388 %		
9	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.1	mg/kg	1.353	<0.135	mg/kg	<0.0000135 %		<lod< td=""></lod<>
10	4	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		5.42	mg/kg	2.637	14.291	mg/kg	0.00143 %		
11	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
12	4		nadium pentaoxide	9; vanadium		9.91	mg/kg	1.785	17.691	mg/kg	0.00177 %		
13	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		41.8	mg/kg	2.469	103.217	mg/kg	0.0103 %		
14	0	pН		РН		7.36	рН		7.36	рН	7.36 pH		





Factor   Companies   El Number   CAS Number   G			CDONALD		_						1	$\overline{}$	
Control   Cont	#					User entered data			Compound conc.		Classification value	Applied	Conc. Not
15		1		er CAS Number	CLF							MC	
10   1		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< td=""></lod<>	
PFH		+			+					_		Н	
10	16	1PH (C6 t0	(240) petroleum grou	•		<35	mg/kg		<35	mg/kg	<0.0035 %		<lod< td=""></lod<>
18	17		3 200-753-7	71-43-2		<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<lod< td=""></lod<>
10					$\top$								
19	18		3 203-625-9	108-88-3	-	<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<lod< td=""></lod<>
Section   Post   Post	19 •	ethylbenzen	е			<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<lod< td=""></lod<>
20		601-023-00-	1 202-849-4	100-41-4									
2-methoxy-2-methylpropane	20	,	203-396-5 [2] 203-576-3 [3]	106-42-3 [2] 108-38-3 [3]		<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<lod< td=""></lod<>
Section   Sect	21	2-methoxy-2	-methylpropane	1634-04-4		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<lod< td=""></lod<>
23	22	naphthalene		04.20.2		0.0218	mg/kg		0.0218	mg/kg	0.00000218 %		
20				91-20-3	+							Н	
24   a   acenaphthene   201-469-6   83-32-9	23	acenaphthyl		hoo oo o	4	0.0471	mg/kg		0.0471	mg/kg	0.00000471 %		
201-469-6   83-32-9					+							Н	
Section   Sect	24					<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<lod< td=""></lod<>
Post	25 0	fluorene	201-469-6	83-32-9		<0.01	ma/ka		<0.01	ma/ka	<0.000001 %	Н	<lod< td=""></lod<>
201-581-5   85-01-8     0.109   mg/kg   0.109   mg/kg   0.000019%			201-695-5	86-73-7								Ш	
27   anthracene   204-371-1   120-12-7   0.0277   mg/kg   0.0000277 %	26	phenanthrer		85-01-8	-	0.109	mg/kg		0.109	mg/kg	0.0000109 %		
Page	27	anthracene		120 12 7		0.0277	mg/kg		0.0277	mg/kg	0.00000277 %		
28		fluoranthana		120-12-7	+							Н	
204-927-3   129-00-0   200-927-3   129-00-0   200-927-3   129-00-0   200-927-3   129-00-0   200-9280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   56-55-3   200-280-6   207-08-9   200-280-6   200-280-6   207-08-9   200-280-6   200-280-	28	nuorantiiene		206-44-0		0.271	mg/kg		0.271	mg/kg	0.0000271 %		
Denzo[a]anthracene	29	pyrene	204-927-3	129-00-0		<0.015	mg/kg		<0.015	mg/kg	<0.0000015 %		<lod< td=""></lod<>
31         chrysene 601-048-00-0         205-923-4           218-01-9         0.181         mg/kg         0.181         mg/kg         0.0000181 %           32         benzo[b]fluoranthene 601-034-00-4           205-911-9           205-99-2           0.302         mg/kg           0.0000302 %           33         benzo[k]fluoranthene 601-036-00-5           205-916-6           207-08-9           0.146         mg/kg           0.146         mg/kg           0.0000146 %           34         benzo[a]pyrene; benzo[def]chrysene 601-032-00-3           200-028-5           50-32-8           0.207         mg/kg           0.207         mg/kg           0.0000207 %           35         indeno[123-cd]pyrene   205-893-2           193-39-5           0.181         mg/kg           0.181         mg/kg           0.0000181 %           36         dibenz[a,h]anthracene   601-041-00-2           0.0181-8           53-70-3           0.0356         mg/kg           0.00000356 %           37         benzo[ghi]perylene   205-883-8           191-24-2           0.185         mg/kg           0.185         mg/kg           0.0000185 %           38         phenol           0.0000018 %           0.0000018 %           0.0000018 %           0.0000018 %           0.00000018 % <td>30</td> <td></td> <td>nracene</td> <td></td> <td></td> <td>0.163</td> <td>mg/kg</td> <td></td> <td>0.163</td> <td>mg/kg</td> <td>0.0000163 %</td> <td>П</td> <td></td>	30		nracene			0.163	mg/kg		0.163	mg/kg	0.0000163 %	П	
0.181 mg/kg   0.000181 %   0.181 mg/kg   0.0000181 %   0.181 mg/kg   0.0000181 %   0.181 mg/kg   0.0000181 %   0.0000302 %   0.00000302 %   0.0000302 %		1	200-280-6	56-55-3	+						-	$\vdash$	
32	31	1 -	205-923-4	218-01-9		0.181	mg/kg		0.181	mg/kg	0.0000181 %		<u></u>
Denzo[k]fluoranthene   0.146 mg/kg   0.146 mg/kg   0.0000146 %	32			205-00-2		0.302	mg/kg		0.302	mg/kg	0.0000302 %		
Semiground   Sem			\\									$\vdash$	
34	33			207-08-9		0.146	mg/kg		0.146	mg/kg	0.0000146 %		
35   indeno[123-cd]pyrene	34					0.207	mg/kg		0.207	mg/kg	0.0000207 %		
205-893-2   193-39-5	35	1					ma/ka		0 181	ma/ka	0.0000181 %		
38   0.00000356					1	0.101			3.101	a, '\a		Щ	
37 benzo[ghi]perylene	36	1			-	0.0356	mg/kg		0.0356	mg/kg	0.00000356 %		
37 205-883-8 191-24-2 0.165 mg/kg 0.0000165 % 205-883-8 191-24-2 0.001 mg/kg 0.00001 % <lod< td=""><td>0= 6</td><td>1</td><td></td><td><u> </u></td><td><math>\top</math></td><td></td><td></td><td></td><td></td><td></td><td>0.000015==:</td><td><math>\vdash</math></td><td></td></lod<>	0= 6	1		<u> </u>	$\top$						0.000015==:	$\vdash$	
38 phenol <0.01 mg/kg <0.000001 % <lod< td=""><td>37</td><td></td><td><u> </u></td><td>191-24-2</td><td><math>\dashv</math></td><td>0.185</td><td>mg/kg</td><td></td><td>0.185</td><td>mg/kg</td><td>0.0000185 %</td><td></td><td></td></lod<>	37		<u> </u>	191-24-2	$\dashv$	0.185	mg/kg		0.185	mg/kg	0.0000185 %		
	38					<0.01	mg/kg		<0.01	mg/kg	<0.000001 %	П	<lod< td=""></lod<>
Total: 1.411 %		004-001-00-	203-632-7	108-95-2						T	4 444 61	H	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: S3BH01 Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index EC Number CAS Number number		CLP Note	User entered data		Conv. Factor Compound conc.		Classification value	MC Applied	Conc. Not Used		
1	4		by trioxide }	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
	æ			t									
2	~	`	215-481-4	1327-53-3	1	6.1	mg/kg	1.32	8.054	mg/kg	0.000805 %		
3	4	barium { • barium	sulfate }	7707 40 7		91	mg/kg	1.7	154.656	mg/kg	0.0155 %		
	_			7727-43-7	+								
4	4	beryllium { beryllium oxide } 004-003-00-8			+	0.5	mg/kg	2.775	1.388	mg/kg	0.000139 %		
5	4	boron { diboron tric				<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< td=""></lod<>
6	4				0.28	mg/kg	1.142	0.32	mg/kg	0.000032 %			
		048-002-00-0	215-146-2	1306-19-0									
7	<b>4</b>	chromium in chromium(III) compounds {				16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
		}	215-160-9	1308-38-9								Ш	
8	4	oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0											
9	4				4	11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
		029-002-00-X 215-270-7 1317-39-1											
10	•	iron { iron (III) oxide } 215-168-2   1309-37-1			_	18000	mg/kg	1.43	25735.407	mg/kg	2.574 %		
11	4			1	23	m m/l.m		00	mg/kg	0.0023 %			
		082-001-00-6	e in this Annex (w	(orst case) }	┦'	25	mg/kg		23	ilig/kg	0.0023 %		
				+									
12	4		232-089-9	7785-87-7	-	490	mg/kg	2.749	1346.796	mg/kg	0.135 %		
13	4	mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
	_	080-010-00-X	231-299-8	7487-94-7	+								
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9		_	0.8	mg/kg	1.5	1.2	mg/kg	0.00012 %			
	æ			1010-21-0	+					mg/kg			
15			232-104-9	7786-81-4	-	13 m	mg/kg	2.637	637 34.277		0.00343 %		





#		Determinand			CLP Note	User entered data		Conv.	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Osed
16	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			0.46	mg/kg	1.405	0.646	mg/kg	0.0000646 %			
		034-002-00-8							,				
17	<b>4</b>	vanadium {				21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
	-		5-239-8	1314-62-1	-								
18	4			7446-19-7 [1] 7733-02-0 [2]		51	mg/kg	2.469	125.934	mg/kg	0.0126 %		
19	0	TPH (C6 to C40) petro	leum group			<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
		benzene	TPH									Н	
20			)-753-7	71-43-2	+	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		toluene	, , , , , ,	7 1 10 2								Н	
21			3-625-9	108-88-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
00	0	ethylbenzene				<0.001			0.004		0.0000004.0/		1.00
22		601-023-00-4 202	2-849-4	100-41-4	1		mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	Θ	fluorene	-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		phenanthrene										Н	
24		201-581-5   85-01-8				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0	anthracene		120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
_			5-912-4	206-44-0	+				<u> </u>			Н	
27	0	pyrene 204	1-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
28		chrysene 601-048-00-0 205	5-923-4	218-01-9	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
29		phenol 604-001-00-2 203	3-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochloromethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		200-826-3 74-97-5				.5.000			70.000		30.0000000 78	Щ	
31		dibromomethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32		602-003-00-8 200 bromodichloromethane		74-95-3		<0.005			<0.005		<0.0000005 %		<lod< td=""></lod<>
		200		10.000	mg/kg		<0.003	mg/kg	<0.0000005 %	Ш			
33	0	dibromochloromethane		124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
34		chlorobenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			3-628-5	108-90-7	+							Н	
35		styrene 601-026-00-0 202	2-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	2-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene		135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		203	3-209-7	104-51-8								Ш	
										Total:	2.752 %		

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 Below limit of detection





Classification of sample: S3BH01[2]

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

### Sample details

Sample name: LoW Code: S3BH01[2] Chapter: Sample Depth:

1.4 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimon 051-005-00-X	<mark>ly trioxide</mark> } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< td=""></lod<>
2	4	arsenic { arsenic tri	oxide } 215-481-4	1327-53-3		5.3	mg/kg	1.32	6.998	mg/kg	0.0007 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		66	mg/kg	1.7	112.168	mg/kg	0.0112 %		
4	4	beryllium { berylliur 004-003-00-8	<mark>n oxide</mark> } 215-133-1	1304-56-9		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
5	4	boron { <mark>diboron tric</mark> 005-008-00-8	xide; boric oxide } 215-125-8	1303-86-2		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< td=""></lod<>
6	4	cadmium { <mark>cadmiui</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.27	mg/kg	1.142	0.308	mg/kg	0.0000308 %		
7	æ <b>\$</b>	chromium in chrom chromium(III) oxide		ls { • 1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o				9.4	mg/kg	1.126	10.583	mg/kg	0.00106 %		
10	æ\$	iron { • iron (III) ox	<mark>tide</mark> } 215-168-2	1309-37-1		16000	mg/kg	1.43	22875.917	mg/kg	2.288 %		
11	4	lead {			1	12	mg/kg		12	mg/kg	0.0012 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		220	mg/kg	2.749	604.684	mg/kg	0.0605 %		
13	4	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	4	molybdenum { moly				0.7	mg/kg	1.5	1.05	mg/kg	0.000105 %		
15	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		13	mg/kg	2.637	34.277	mg/kg	0.00343 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	/ DW	Osed
16	*	selenium { selenium cadmium sulphosel elsewhere in this A	lenide and those s			0.31	mg/kg	1.405	0.436	mg/kg	0.0000436 %		
		034-002-00-8			_								
17	4	vanadium {	·			17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
	_		215-239-8	1314-62-1	+								
18	-	zinc { zinc sulphate		7440 40 7 [4]	-	43	mg/kg	2.469	106.18	mg/kg	0.0106 %		
			231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		40		2.400	100.10	mg/kg	0.0100 /0		
19	0	TPH (C6 to C40) pe	etroleum group	TPH	-	<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
20		benzene			T	0.004	//		0.004		0.0000004.0/		1.00
20		601-020-00-8	200-753-7	71-43-2	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			203-625-9	108-88-3	1	.5.001	9/119		.5.001	9/1.9	3.0003001 70		
22	0	ethylbenzene	haa a 40 <i>t</i>	400 44 6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		601-023-00-4 fluorene	202-849-4	100-41-4	-								
23	0		201-695-5	86-73-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene	1			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24			201-581-5	85-01-8		<b>V</b> 0.1	ilig/kg		<b>V</b> 0.1	ilig/kg	<0.00001 /8		\LOD
25	0	anthracene	204-371-1	120-12-7	_	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
	0	pyrene	205-912-4	200-44-0	+								
27	•		204-927-3	129-00-0	1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
$\vdash$		phenol	203-923-4	210-01-9	+								
29		•	203-632-7	108-95-2	1	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha	ne			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			200-826-3	74-97-5	1	.5.000	9/119		.5.000	9/1.9	3.0003000 70		
31		dibromomethane 602-003-00-8	200-824-2	74-95-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometh		ט־טפ־ד זן	1	-0.00E	ma/ka		<0.00E	ma/ka	<0.0000005.9/		<lod< td=""></lod<>
32			200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		LUD
33	8	dibromochlorometh				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash \vdash$			204-704-0	124-48-1	+					J J			
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7	4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
$\vdash$		styrene	203-628-5	100-90-7	+								
35		•	202-851-5	100-42-5	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	1			<0.001	ma/ka		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
30			202-632-4	98-06-6		Q.001	mg/kg		C0.001	mg/kg	~0.0000001 %	L	\LUD
37	0	sec-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			205-227-0	135-98-8	+								
38	(1)	n-butylbenzene	203-209-7	104-51-8	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
H			1	1						Total:	2.383 %		

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 Selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





Classification of sample: S3BH02

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

### Sample details

Sample name: LoW Code: S3BH02 Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	antimony { antimon 051-005-00-X	<mark>ly trioxide</mark> } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tri	oxide } 215-481-4	1327-53-3		2.9	mg/kg	1.32	3.829	mg/kg	0.000383 %		
3	4	Danam ( Danam	<mark>sulfate</mark> } 231-784-4	7727-43-7		26	mg/kg	1.7	44.187	mg/kg	0.00442 %		
4	4	beryllium { berylliur 004-003-00-8	<mark>n oxide</mark> } 215-133-1	1304-56-9		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
5	4	boron { diboron tric 005-008-00-8	<mark>xide; boric oxide</mark> } 215-125-8	1303-86-2		0.49	mg/kg	3.22	1.578	mg/kg	0.000158 %		
6	4	cadmium { <mark>cadmiui</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.14	mg/kg	1.142	0.16	mg/kg	0.000016 %		
7	4	chromium in chrom		ds { • 1308-38-9		6.7	mg/kg	1.462	9.792	mg/kg	0.000979 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o				6.7	mg/kg	1.126	7.543	mg/kg	0.000754 %		
10	4	iron { • iron (III) ox	kide } 215-168-2	1309-37-1		6900	mg/kg	1.43	9865.239	mg/kg	0.987 %		
11	4	lead { • lead compospecified elsewhere			1	13	mg/kg		13	mg/kg	0.0013 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		150	mg/kg	2.749	412.285	mg/kg	0.0412 %		
13	4	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14		molybdenum { moly	ybdenum(VI) oxide 215-204-7	1313-27-5		0.5	mg/kg	1.5	0.75	mg/kg	0.000075 %		
15		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		6.9	mg/kg	2.637	18.193	mg/kg	0.00182 %		





EU CLP Index	#			Determinand		CLP Note	User entered	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
Cadmium suphoselenide and those specified   cleawher in this Annay   cleawher in this Annay   cleawher in this Annay   cleawher in this Annay   cleawher   cleawher in this Annay   cleawher   cleaw				EC Number	CAS Number	CLP			i acioi			value	MC,	Oseu
17	I I '	Ĭ	cadmium sulphose elsewhere in this A	lenide and those s			<0.25	mg/kg	1.405	<0.351	mg/kg	<0.0000351 %		<lod< td=""></lod<>
17			034-002-00-8			_								
18	1 1 '	Ĭ	pentoxide }	·			9.1	mg/kg	1.785	16.245	mg/kg	0.00162 %		
18		$\rightarrow$			1314-62-1	-								
19   TPH (C6 to C40) petroleum group   10   10   mg/kg		•					24	ma/ka	2 460	50 263	ma/ka	0 00503 %		
Denzene				231-793-3 [2]			24		2.403	39.203	mg/kg	0.00393 70		
Color	19	Θ	1PH (C6 to C40) po	etroleum group	TPH	-	<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
Self-020-00-8   200-753-7   71-43-2	00		benzene	1	J.		0.004			0.004	//	0.0000001.0/		
201-021-00-3   203-625-9   108-88-3   0.0011 mg/kg   0.00000011 mg/kg   0.00000011 mg/kg   0.00000011 mg/kg   0.00000011 mg/kg   0.00000011 mg/kg   0.0000001 mg/kg   0.0000001 mg/kg   0.000001 mg/kg   0.0000001 mg/kg   0.0000000 mg/kg   0.00000000 mg/kg   0.00000000000 mg/kg   0.000000000 mg/kg   0.000000000 mg/kg   0.000000000000 mg/kg   0.0000000000000000000000000000000000	20		601-020-00-8	200-753-7	71-43-2	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
S01-021-00-3   P03-625-9   P108-88-3   S01-021-00-3   P03-625-9   P108-88-3   S01-021-00-3   P03-625-9   P108-88-3   S01-021-00-4   P02-849-4   P100-41-4   S01-023-00-4   P02-849-4   P100-41-4   S01-023-00-4   P02-849-4   P100-41-4   S01-023-00-8   P03-825-5   P100-42-5   P100-42-5   P100-425   P100-401-4   P100-41-4   S02-020-800-6   P100-42-5   P100-401-4   P100-41-4   P1	21		toluene			Ì	0.0011	ma/ka		0.0011	ma/ka	0.00000011 %		
Solition			601-021-00-3	203-625-9	108-88-3		0.0011	mg/kg		0.0011	mg/kg	0.00000011 70		
23	22		•				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23		-		202-849-4	100-41-4	+								
24	23	Θ		201-695-5	86-73-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
201-581-5   85-01-8     204-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   120-12-7     201-371-1   201-371-	24	9				T	-0.1	ma/ka		-0.1	ma/ka	-0.00001.9/		4 OD
25	24			201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lud< td=""></lud<>
205-912-4   206-44-0   201-1   mg/kg   <0.00001%   <0.00001%   <0.00001%   <0.00001%   <0.00001%   <0.00001%   <0.00001%   <0.00001%   <0.000039   mg/kg   <0.000039   mg/kg   <0.000039   <0.000039   <0.000039   <0.000039   <0.000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.0000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.000000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.00000039   <0.0000	25	Θ.		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
27	26	0	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
204-927-3   129-00-0   0.39   mg/kg   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.00009 %   0.000001 %   0.0000001 %   0.000000000000000000000000000000000		-		205-912-4	206-44-0	-								
28	27	Θ.		204-927-3	129-00-0	-	0.39	mg/kg		0.39	mg/kg	0.000039 %		
S01-048-00-0   205-923-4   218-01-9	28			1			<0.1	ma/ka		<0.1	ma/ka	<0.00001 %		<lod< td=""></lod<>
29		$\neg$		205-923-4	218-01-9	1					9/9			
bromochloromethane	29	l	•	203-632-7	108-95-2	-	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
200-826-3   74-97-5	20	0	bromochlorometha	ne			-0.00E			-0.00F	m = //. =	-0.0000005.0/		.1.00
31	30			200-826-3	74-97-5	L	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
Solution	31						<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<lod< td=""></lod<>
200-856-7   75-27-4		_			74-95-3	$\vdash$								
33     dibromochloromethane	32	Θ			75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
204-704-0   124-48-1	33	9			1	T	<b>-0.01</b>	ma/ka		<b>-0.01</b>	ma/ka	<0.000001 %	П	<lod< td=""></lod<>
34	33			204-704-0	124-48-1		QU.U1	mg/kg		CU.U1	mg/kg	~0.000001 %		\LUD
Styrene   Styr	34	Ī					<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35				203-628-5	108-90-7	$\vdash$							H	
Sec-butylbenzene   Co.001 mg/kg   Co.0000001 %   Co.0000001 %   Co.0001 mg/kg   Co.0001 mg/kg   Co.0000001 %   Co.00000001 %   Co.000000001 %   Co.000000000000000000000000000000000000	35		•	202-851-5	100-42-5	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
202-632-4   98-06-6   202-632-4   202-632-4	0.5			E02-00 I-0	100-42-0	╁						0.007777	H	
37 sec-butylbenzene <a href="https://www.edu.org/lines/butylbenzene">&lt;0.001 mg/kg</a> <0.0001 mg/kg <0.0000001 % <a href="https://www.edu.org/lines/butylbenzene">&lt;0.001 mg/kg</a> <0.001 mg/kg <0.0000001 % <a href="https://www.edu.org/lines/butylbenzene">&lt;0.001 mg/kg</a> <a href="https://www.edu.org/lines/butylbenzene"></a> <a a="" butylbenzene<="" href="https://www.edu.org/lines/butylbenzene&lt;/a&gt; &lt;a href=" https:="" lines="" www.edu.org=""> <a a="" butylbenzene<="" href="https://www.edu.org/lines/butylbenzene&lt;/a&gt; &lt;a href=" https:="" lines="" www.edu.org=""> <a a="" butylbenzene<="" href="https://www.edu.org/lines/butylbenzene&lt;/a&gt; &lt;a href=" https:="" lines="" www.edu.org=""> </a></a></a>														

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 Selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 1.1e-07%)





17: Construction and Demolition Wastes (including excavated soil

Classification of sample: S3BH02R

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

### Sample details

Sample name: LoW Code: S3BH02R Chapter: Sample Depth: 0.5 m

Entry:

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

from contaminated sites)

Moisture content:

8.6%

(no correction)

# **Hazard properties**

None identified

#### **Determinands**

								_	
#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide }		1.5 mg/kg	1.197	1.796 mg/kg	0.00018 %		
		051-005-00-X 215-175-0 1309-64-4	_	3, 3		3 3			
2	4	arsenic { arsenic trioxide }		4.5 mg/kg	1.32	5.941 mg/kg	0.000594 %		
_	_	033-003-00-0 215-481-4  1327-53-3	⊢						
3	4	barium {		45 mg/kg	1.7	76.478 mg/kg	0.00765 %		
		231-784-4 7727-43-7							
4	æ\$	beryllium { beryllium oxide }		0.36 mg/kg	2.775	0.999 mg/kg	0.0000999 %		
		004-003-00-8 215-133-1 1304-56-9							
5	4	boron { diboron trioxide; boric oxide }		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
		005-008-00-8 215-125-8 1303-86-2		0 0					
6	æ\$	cadmium { cadmium oxide }		<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<lod< td=""></lod<>
_		048-002-00-0 215-146-2 1306-19-0							
7	4	chromium in chromium(III) compounds {		8.6 mg/kg	1.462	12.569 mg/kg	0.00126 %		
		215-160-9   1308-38-9							
8	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<lod< td=""></lod<>
_	_	024-001-00-0 215-607-8 1333-82-0	┢						
9	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X	-	7.4 mg/kg	1.126	8.332 mg/kg	0.000833 %		
	_		┢						
10	4	iron { • iron (III) oxide }		13000 mg/kg	1.43	18586.683 mg/kg	1.859 %		
		215-168-2   1309-37-1							
11	≪\$	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	17 mg/kg		17 mg/kg	0.0017 %		
		082-001-00-6							
12	4	manganese { manganese sulphate } 025-003-00-4	-	530 mg/kg	2.749	1456.739 mg/kg	0.146 %		
-	æ <u>k</u>	mercury { mercury dichloride }	$\vdash$						
13	**	080-010-00-X   231-299-8   7487-94-7	-	<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	æ	molybdenum { molybdenum(VI) oxide }		0.62	1 =	0.02 ~~"	0.000002.0/		
14		042-001-00-9 215-204-7  1313-27-5		0.62 mg/kg	1.5	0.93 mg/kg	0.000093 %		
15	ď	nickel { nickel sulfate }		9.5 mg/kg	2.637	25.049 mg/kg	0.0025 %		
		028-009-00-5 232-104-9 7786-81-4							



#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8										+	
17	4	vanadium {	·			14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
	_		215-239-8	1314-62-1	-							-	
18	_		} 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		32	mg/kg	2.469	79.017	mg/kg	0.0079 %		
19	0	рН		PH		7.3	рН		7.3	рН	7.3 pH		
-		benzene		<u></u>	T								
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<lod< td=""></lod<>
<u> </u>		601-021-00-3	203-625-9	108-88-3	L	<0.005	mg/kg		<0.005	mg/kg	20.0000005 %	L	\LUD
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	1	10.000					10.0000000 70		1202
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7	1	10.00					10.000000 70		1202
25	0	phenanthrene	201 501 5	10= 04 0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8									
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
	0	fluoranthene	204-371-1	120-12-1		0.05							
27			205-912-4	206-44-0	1	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol			T	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
30		604-001-00-2	203-632-7	108-95-2		<b>\(\tau_0.1\)</b>	mg/kg		<b>V</b> 0.1	mg/kg	20.00001 /6		LOD
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			200-824-2	74-95-3	-		J g			J5			
32	Θ	bromodichlorometh	ane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203 628 5	108 00 7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		styrene	203-628-5	108-90-7	$\vdash$								
35			202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$			203-209-7	104-51-8	$\perp$					Total:	2.03 %	+	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





Classification of sample: S3BH05

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

### Sample details

Sample name: LoW Code: S3BH05 Chapter: Sample Depth:

0.5 m Entry:

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

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		3.4	mg/kg	1.197	4.07	mg/kg	0.000407 %		
2	4	arsenic { arsenic tr 033-003-00-0	<mark>ioxide</mark> } 215-481-4	1327-53-3		59	mg/kg	1.32	77.899	mg/kg	0.00779 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		290	mg/kg	1.7	492.86	mg/kg	0.0493 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		5	mg/kg	2.775	13.877	mg/kg	0.00139 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide 215-125-8	1303-86-2		4.2	mg/kg	3.22	13.523	mg/kg	0.00135 %		
6	4	cadmium { cadmium 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.5	mg/kg	1.142	0.571	mg/kg	0.0000571 %		
7	4	chromium in chrom		ls { • 1308-38-9		29	mg/kg	1.462	42.385	mg/kg	0.00424 %		
8	æ\$	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o				79	mg/kg	1.126	88.945	mg/kg	0.00889 %		
10	æ <b>\$</b>	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		24000	mg/kg	1.43	34313.876	mg/kg	3.431 %		
11	4	lead { Plead compospecified elsewhere			1	98	mg/kg		98	mg/kg	0.0098 %		
12	4	082-001-00-6 manganese { manç 025-003-00-4	ganese sulphate }	7785-87-7		1700	mg/kg	2.749	4672.559	mg/kg	0.467 %		
13	4	1		7487-94-7		0.16	mg/kg	1.353	0.217	mg/kg	0.0000217 %		
14		molybdenum { moly 042-001-00-9	ybdenum(VI) oxide 215-204-7	1313-27-5		5.5	mg/kg	1.5	8.251	mg/kg	0.000825 %		
15		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		34	mg/kg	2.637	89.647	mg/kg	0.00896 %		





#		Determinand	er CLP Note	User entere	ed data	Conv.	Compound co	onc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	er 3							MC	
16	4	selenium { selenium compounds with the exception cadmium sulphoselenide and those specified elsewhere in this Annex }	of	1.9	mg/kg	1.405	2.669	mg/kg	0.000267 %		
		034-002-00-8	_								
17	4	vanadium {		61	mg/kg	1.785	108.896	mg/kg	0.0109 %		
	-	023-001-00-8	-								
18	<b>4</b>	030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
19	0	TPH (C6 to C40) petroleum group		19	mg/kg		19	mg/kg	0.0019 %		
		benzene		0.004			0.004		0.0000004.0/		1.00
20		601-020-00-8 200-753-7 71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene 601-021-00-3 203-625-9   108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4 202-849-4 100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	Θ	fluorene 201-695-5 86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene 201-581-5 85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0	anthracene		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	r	<lod< td=""></lod<>
26	9	204-371-1   120-12-7		1.5	mg/kg		1.5	mg/kg	0.00015 %		
		205-912-4 206-44-0									
27	0	pyrene		1.7	mg/kg		1.7	mg/kg	0.00017 %		
28		chrysene 601-048-00-0 205-923-4 218-01-9		1.3	mg/kg		1.3	mg/kg	0.00013 %		
29		phenol 604-001-00-2 203-632-7 108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochloromethane 200-826-3 74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane		<0.001	ma/ka		<0.001	ma/ka	<0.0000001 %		<lod< td=""></lod<>
31		602-003-00-8 200-824-2 74-95-3		20.001	mg/kg		Q0.001	mg/kg			\LUD
32	Θ	bromodichloromethane 200-856-7 75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochloromethane 204-704-0 124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1 203-628-5  108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	601-026-00-0 202-851-5  100-42-5   tert-butylbenzene		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		202-632-4 98-06-6		10.001	9/119						
37	0	sec-butylbenzene   205-227-0   135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
$\vdash$		203-209-7  104-51-8						Total	4 032 %	$\vdash$	
								Total:	4.032 %		

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 Selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

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





Classification of sample: S3BH05[2]

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

### Sample details

Sample name: LoW Code: S3BH05[2] Chapter: Sample Depth: 1 m Entry:

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

03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4		3.4	mg/kg	1.197	4.07	mg/kg	0.000407 %		
2	æ	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		67	mg/kg	1.32	88.462	mg/kg	0.00885 %		
3	æ\$	barium { • barium	sulfate }	7727-43-7		330	mg/kg	1.7	560.841	mg/kg	0.0561 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		6.2	mg/kg	2.775	17.207	mg/kg	0.00172 %		
5	æ	boron { <mark>diboron tric</mark> 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		3.8	mg/kg	3.22	12.236	mg/kg	0.00122 %		
6	æ	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.65	mg/kg	1.142	0.743	mg/kg	0.0000743 %		
7	4	chromium in chrom		s { • 1308-38-9		43	mg/kg	1.462	62.847	mg/kg	0.00628 %		
8	æ\$	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o		1		110	mg/kg	1.126	123.848	mg/kg	0.0124 %		
10	4	iron { • iron (III) ox		1309-37-1		30000	mg/kg	1.43	42892.345	mg/kg	4.289 %		
11	4	lead { lead comp specified elsewher 082-001-00-6			1	130	mg/kg		130	mg/kg	0.013 %		
12	æ <b>\$</b>	manganese { mang	ganese sulphate } 232-089-9	7785-87-7		1600	mg/kg	2.749	4397.702	mg/kg	0.44 %		
13	æ	mercury { mercury		7487-94-7		0.21	mg/kg	1.353	0.284	mg/kg	0.0000284 %		
14	4	molybdenum { mol				6.2	mg/kg	1.5	9.301	mg/kg	0.00093 %		
15	æ\$	nickel { nickel sulfa		7786-81-4		40	mg/kg	2.637	105.467	mg/kg	0.0105 %		





#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC/	Useu
16	4	cadmium sulphosel elsewhere in this A	lenide and those sp			2.1	mg/kg	1.405	2.951	mg/kg	0.000295 %		
		034-002-00-8			+								
17	4	vanadium {				78	mg/kg	1.785	139.244	mg/kg	0.0139 %		
				1314-62-1									
18			231-793-3 [1]	7446-19-7 [1] 7733-02-0 [2]		130	mg/kg	2.469	321.009	mg/kg	0.0321 %		
19	0	TPH (C6 to C40) pe	etroleum group	ТРН		41	mg/kg		41	mg/kg	0.0041 %		
	_	benzene		IFII	+								
20			200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			202-849-4	100-41-4	-								
23	0	fluorene	201-695-5	86-73-7		0.2	mg/kg		0.2	mg/kg	0.00002 %		
24	0	phenanthrene	201-581-5	85-01-8		0.97	mg/kg		0.97	mg/kg	0.000097 %		
25	0	anthracene	201-301-3	03-01-0		0.23	mg/kg		0.23	ma/ka	0.000023 %		
23			204-371-1	120-12-7		0.23	IIIg/kg		0.23	mg/kg	0.000023 //		
26	0	fluoranthene	205-912-4	206-44-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
27	0	pyrene	204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
28		chrysene	204-927-3	129-00-0		1.2	ma/ka		1.2	ma/ka	0.00012 %		
20		601-048-00-0	205-923-4	218-01-9		1.2	mg/kg		1.2	mg/kg	0.00012 /8		
29		phenol				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
				108-95-2	1								
30	0	bromochlorometha		74-97-5	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
				74-95-3	+								
32	0			75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		<u> </u>		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			204-704-0	124-48-1	1	30.01	g/ikg				13.000301 70		
34		chlorobenzene 602-033-00-1	202 628 F	108-90-7	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
0.5		styrene	203-628-5	100-30-1		0.004			0.004	"	0.0000001.01		1.65
35			202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	08-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
07	0	sec-butylbenzene	ZUZ-03Z-4	98-06-6		-0.004	m = //		.0.004	ma a //	-0.0000004.0/		1.00
37		_	205-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
				1						Total:	4.892 %		
											1		



User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)





Classification of sample: S3BH05[3]

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

### Sample details

Sample name: LoW Code: S3BH05[3] Chapter: Sample Depth:

1.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	ď		ny trioxide } 215-175-0	1309-64-4		4.3	mg/kg	1.197	5.148	mg/kg	0.000515 %		
	æ			1309-04-4									
2	~	`	215-481-4	1327-53-3	+	74	mg/kg	1.32	97.704	mg/kg	0.00977 %		
3	ď	barium { • barium	sulfate }			380	mg/kg	1.7	645.817	mg/kg	0.0646 %		
			231-784-4	7727-43-7	1	000	mg/ng	1	010.017	mg/ng	0.0010 /0		
4	e de	beryllium { beryllium	m oxide }			7.2	mg/kg	2.775	19.982	mg/kg	0.002 %		
-	Ī	004-003-00-8	215-133-1	1304-56-9		1.2	ilig/kg	2.113	19.302	ilig/kg	0.002 /6		
5	4					3.2	mg/kg	3.22	10.304	mg/kg	0.00103 %		
		005-008-00-8	215-125-8	1303-86-2								ļ_	
6	e <b>C</b>	1	mium { cadmium oxide } 002-00-0	4000 400		0.34	mg/kg	1.142	0.388	mg/kg	0.0000388 %		
	-		215-146-2	1306-19-0	+							-	
7	æ	chromium(III) oxide	e (worst case) }	•		20	mg/kg	1.462	29.231	mg/kg	0.00292 %		
		}		1308-38-9								-	
8	<b>4</b>	oxide }	. , .			<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
			215-607-8	1333-82-0	-								
9	e#			-		110	mg/kg	1.126	123.848	mg/kg	0.0124 %		
	_		215-270-7	1317-39-1	-							-	
10	4	iron ( iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		28000	mg/kg	1.43	40032.855	mg/kg	4.003 %		
11	æ		oounds with the ex	ception of those	1	220	mg/kg		220	mg/kg	0.022 %		
		082-001-00-6											
12	æ		ganese sulphate } 232-089-9	7785-87-7		1300	mg/kg	2.749	3573.133	mg/kg	0.357 %		
13	æ å	mercury { mercury	dichloride }			0.23	mg/kg	1.353	0.311	mg/kg	0.0000311 %	T	
-	_		231-299-8	7487-94-7	-							-	
14	e <b>c</b>		ybdenum(VI) oxide 215-204-7	1313-27-5	-	11	mg/kg	1.5	16.502	mg/kg	0.00165 %		
15	4			1313-21-0		40	mg/kg	2.637	105.467	mg/kg	0.0105 %		
		028-009-00-5	232-104-9	7786-81-4		70	mg/kg	2.007	100.407	mg/ng	0.0100 /0		





#		Determinand	CLP Note	User entere	d data	Conv.	Compound o	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number EC Number CAS Number	CLP			Factor			value	MC /	Usea
16	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		1.8	mg/kg	1.405	2.529	mg/kg	0.000253 %		
		034-002-00-8	1								
17	4	vanadium { • divanadium pentaoxide; vanadium pentoxide }		87	mg/kg	1.785	155.311	mg/kg	0.0155 %		
		023-001-00-8 215-239-8 1314-62-1	-								
18	_	zinc { zinc sulphate }	4	91	mg/kg	2.469	224.706	mg/kg	0.0225 %		
		030-006-00-9	1	31		2.400	224.700	mg/kg	0.0220 70		
19	0	TPH (C6 to C40) petroleum group	L	26	mg/kg		26	mg/kg	0.0026 %		
20		<b>benzene</b> 601-020-00-8   200-753-7   71-43-2	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene		-0.004			-0.001		<0.0000001 %		-1.00
21		601-021-00-3 203-625-9 108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	<b>ethylbenzene</b> 601-023-00-4 202-849-4 100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0	fluorene 201-695-5 86-73-7		0.33	mg/kg		0.33	mg/kg	0.000033 %		
-		phenanthrene	+								
24		201-581-5 85-01-8	-	0.61	mg/kg		0.61	mg/kg	0.000061 %		
25	0	anthracene 204-371-1   120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene 205-912-4 206-44-0	+	1	mg/kg		1	mg/kg	0.0001 %		
07	0	pyrene 200-912-4 200-44-0	+	0.07			0.07		0.000007.0/		
27		204-927-3   129-00-0		0.97	mg/kg		0.97	mg/kg	0.000097 %		
28		chrysene		1	mg/kg		1	mg/kg	0.0001 %		
		601-048-00-0 205-923-4 218-01-9									
29		phenol           604-001-00-2         203-632-7         108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochloromethane	_	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane 602-003-00-8 200-824-2 74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32		bromodichloromethane	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	200-856-7   75-27-4 dibromochloromethane	+	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		204-704-0   124-48-1	1		J g			59			
34		<b>chlorobenzene</b> 602-033-00-1 203-628-5   108-90-7	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene 601-026-00-0 202-851-5 100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene		<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<lod< td=""></lod<>
		202-632-4 98-06-6		30.001			10.001	9/119	13.0000001 78		
37	0	sec-butylbenzene   205-227-0   135-98-8	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		203-209-7  104-51-8						Total:	4.529 %		
							,	iolal.	7.020 /0		

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 Selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0026%)





Classification of sample: S3BH05[4]

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

### Sample details

Sample name: LoW Code:

\$3BH05[4] Chapter:

Sample Depth:

1.65 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4	-	9.4	mg/kg	1.197	11.253	mg/kg	0.00113 %		
	æ			1309-64-4	╁								
2	•	033-003-00-0	215-481-4	1327-53-3	-	260	mg/kg	1.32	343.285	mg/kg	0.0343 %		
3	4	barium { • barium				120	mg/kg	1.7	203.942	mg/kg	0.0204 %		
	_	1 12 (1 12	231-784-4	7727-43-7	-								
4	æ	beryllium { beryllium   004-003-00-8	m oxide } 215-133-1	1304-56-9	-	1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
	æ				$\vdash$							-	
5	64		215-125-8	1303-86-2		3.7	mg/kg	3.22	11.914	mg/kg	0.00119 %		
6	æ		,	4000 40 0		0.61	mg/kg	1.142	0.697	mg/kg	0.0000697 %		
7	æ <b>\$</b>	048-002-00-0 chromium in chrom chromium(III) oxide		1306-19-0  ds {		9.4	mg/kg	1.462	13.739	mg/kg	0.00137 %		
		Chromani(iii) oxide	215-160-9	1308-38-9	-					99			
8	æ\$	oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
		024-001-00-0	215-607-8	1333-82-0	-								
9	æ		oxide; copper (I) ox 215-270-7	kide }  1317-39-1	-	37	mg/kg	1.126	41.658	mg/kg	0.00417 %		
				1317-39-1	H								
10	W.	iron ( iron (III) o	xide }  215-168-2	1309-37-1	-	9700	mg/kg	1.43	13868.525	mg/kg	1.387 %		
11	æ	lead {			1	430	mg/kg		430	mg/kg	0.043 %		
		082-001-00-6											
12	4	manganese { manganese { manganese }	ganese sulphate }	7785-87-7	-	500	mg/kg	2.749	1374.282	mg/kg	0.137 %		
13	4	mercury { mercury	dichloride }			9.2	mg/kg	1.353	12.452	mg/kg	0.00125 %		
	_	080-010-00-X molybdenum { mol	231-299-8	7487-94-7	-							-	
14	•	042-001-00-9	215-204-7	1313-27-5	-	1.5	mg/kg	1.5	2.25	mg/kg	0.000225 %		
15	4	nickel { nickel sulfa	te }	7786-81-4		9.4	mg/kg	2.637	24.785	mg/kg	0.00248 %		





#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Oseu
16	**	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			1.5	mg/kg	1.405	2.108	mg/kg	0.000211 %		
		034-002-00-8			$\perp$								
17	4	vanadium { • divar pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
		023-001-00-8 zinc { zinc sulphate	215-239-8	1314-62-1	+								
18	4	030-006-00-9	231-793-3 [1]	7446-19-7 [1]		140	mg/kg	2.469	345.701	mg/kg	0.0346 %		
		TPH (C6 to C40) pe		7733-02-0 [2]	+								
19		(55.15.5.15)		TPH	-	19	mg/kg		19	mg/kg	0.0019 %		
20		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
20		601-020-00-8	200-753-7	71-43-2		V0.001			V0.001		<0.000001 70		
21		toluene 601-021-00-3	202 625 0	100 00 2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	_	ethylbenzene	203-625-9	108-88-3	+								
22	(1)		202-849-4	100-41-4	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0	fluorene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		phenanthrene	201-695-5	86-73-7	+								
24	)	<u> </u>	201-581-5	85-01-8		18	mg/kg		18	mg/kg	0.0018 %		
25	0	anthracene	204-371-1	120-12-7		11	mg/kg		11	mg/kg	0.0011 %		
26	0	fluoranthene				80	mg/kg		80	mg/kg	0.008 %		
			205-912-4	206-44-0	-								
27	0	pyrene	204-927-3	129-00-0	-	88	mg/kg		88	mg/kg	0.0088 %		
28		chrysene				11	mg/kg		11	mg/kg	0.0011 %		
		601-048-00-0	205-923-4	218-01-9						g/kg	0.0011 70		
29		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
	0	bromochlorometha		1.00 00 2	+	0.005			0.005		0.0000005.0/		1.00
30			200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane	200 824 2	74.05.3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	602-003-00-8 bromodichlorometh	200-824-2 ane	74-95-3	+	40 00E	me/les		40 00E	ma/lea	*0 000000E 0/		100
32			200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		404.40.4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
$\vdash$		chlorobenzene	204-704-0	124-48-1	+								
34			203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
<u> </u>			202-851-5	100-42-5	+								
36	0	tert-butylbenzene	202-632-4	98-06-6	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene		125 00 0		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
20	0	n-butylbenzene	205-227-0	135-98-8	+	<0.001	ma e: //		-0.004		-0.0000004.0/		1.05
38		·	203-209-7   104-51-8				mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
L										Total:	1.695 %		



User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

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





Classification of sample: S3BH05[5]

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

### Sample details

Sample name: LoW Code: S3BH05[5] Chapter: Sample Depth:

2.5 m

Entry: 03)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide } 215-175-0	1309-64-4		5.1	mg/kg	1.197	6.105	mg/kg	0.000611 %		
2	4	arsenic { arsenic tr		1327-53-3		380	mg/kg	1.32	501.724	mg/kg	0.0502 %		
3	4	barium {		7727-43-7		300	mg/kg	1.7	509.855	mg/kg	0.051 %		
4	4	beryllium { beryllium 004-003-00-8		1304-56-9		5	mg/kg	2.775	13.877	mg/kg	0.00139 %		
5	4		oxide; boric oxide } 215-125-8	1303-86-2		3.9	mg/kg	3.22	12.558	mg/kg	0.00126 %		
6	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
7	<b>4</b>	chromium in chrom		s { • 1308-38-9		26	mg/kg	1.462	38	mg/kg	0.0038 %		
8	æ	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o				120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
10	4	iron { • iron (III) o	<mark>xide</mark> } 215-168-2	1309-37-1		72000	mg/kg	1.43	102941.628	mg/kg	10.294 %		
11	æ	lead { lead compospecified elsewher 082-001-00-6			1	41	mg/kg		41	mg/kg	0.0041 %		
12	4	manganese { mang	ganese sulphate }	7785-87-7		1600	mg/kg	2.749	4397.702	mg/kg	0.44 %		
13	4	mercury { mercury 080-010-00-X		7487-94-7		0.38	mg/kg	1.353	0.514	mg/kg	0.0000514 %		
14	4	molybdenum { mol 042-001-00-9	ybdenum(VI) oxide 215-204-7	} 1313-27-5		13	mg/kg	1.5	19.502	mg/kg	0.00195 %		
15	4		<mark>te</mark> } 232-104-9	7786-81-4		36	mg/kg	2.637	94.921	mg/kg	0.00949 %		





' I	number selenium { selenium compounds v cadmium sulphoselenide and thos			CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EC Number	CAS Number	CLP			i acioi			value	MC,	Osed
16	cadmium sulphose elsewhere in this A	lenide and those s			2.4	mg/kg	1.405	3.372	mg/kg	0.000337 %		
	034-002-00-8			1							$\perp$	
17	pentoxide }	·			110	mg/kg	1.785	196.37	mg/kg	0.0196 %		
		215-239-8	1314-62-1								$\vdash$	
18		-	7440 40 7541	4	130	mg/kg	2.469	321.009	mg/kg	0.0321 %		
		231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130	mg/kg	2.409	321.009	ilig/kg	0.0321 76		
19	TPH (C6 to C40) p	etroleum group	TPH	-	18	mg/kg		18	mg/kg	0.0018 %		
20	benzene				<0.001	ma/ka		<0.001	ma/ka	<0.0000001 %		<lod< td=""></lod<>
20	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lud< td=""></lud<>
21	toluene			_	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
+	1	203-625-9	108-88-3	-								
22	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	fluorene	202-649-4	100-41-4	+								
23		201-695-5	86-73-7	-	0.51	mg/kg		0.51	mg/kg	0.000051 %		
24	phenanthrene	1			1.1	mg/kg		1.1	mg/kg	0.00011 %		
24		201-581-5	85-01-8		1.1	ilig/kg		1.1	ilig/kg	0.00011 /6		
25	anthracene	204-371-1	120-12-7	_	0.41	mg/kg		0.41	mg/kg	0.000041 %		
26	fluoranthene	DOE 042 4	hoc 44.0		0.86	mg/kg		0.86	mg/kg	0.000086 %		
07 0	pyrene	205-912-4	206-44-0	╁								
27		204-927-3	129-00-0	1	1.1	mg/kg		1.1	mg/kg	0.00011 %		
28	chrysene	1	1		3.5	mg/kg		3.5	mg/kg	0.00035 %		
20	601-048-00-0	205-923-4	218-01-9		0.0			0.0	mg/kg			
29	phenol 604-001-00-2	203-632-7	108-95-2	-	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	bromochlorometha	ne	,		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
55		200-826-3	74-97-5	1	V0.003			<b>\0.003</b>	mg/kg			`
31	dibromomethane	haa aa a	74.05.0		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
20 0		200-824-2 nane	74-95-3	+								
32		200-856-7	75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	dibromochlorometh	1	1	T	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		204-704-0	124-48-1		\0.01			\0.01	mg/kg	3.000001 70		`
34	chlorobenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
+		203-628-5	108-90-7	$\vdash$								
35	styrene 601-026-00-0	202-851-5	100-42-5	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
26 0	tert-butylbenzene	E-02 00 I-0	100 72-0	+								
36	-	202-632-4	98-06-6	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	sec-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
3,		205-227-0	135-98-8		Q.001	mg/kg		<b>\(\)</b>	mg/kg	3.0000001 /8		\LUD
38	n-butylbenzene	203-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		1	1 3 . 5 . 0				<u>.                                    </u>		Total:	10.926 %	П	

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 Selow limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0018%)





Classification of sample: S3BH05[6]

### Sample details

2.9 m

Sample name: LoW Code:

S3BH05[6] Chapter:
Sample Depth:

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

### **Hazard properties**

<u>HP 3(i)</u>: <u>Flammable</u> "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"

Entry:

Force this Hazardous property to hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.74%)

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

Hazard Statements hit:

Carc. 1A; 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:

arsenic trioxide: (compound conc.: 0.111%)

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.: 0.74%)

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.: 0.74%)

## Determinands

#			Determinand		Note	User ente	red data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			T doto!			Value	MC	0000
1	æ 🍇	antimony { antimor	ny trioxide }			5	mg/kg	1.197	5.986	mg/kg	0.000599 %		
Ľ		051-005-00-X	215-175-0	1309-64-4		Ü	mg/ng	1.107	0.000	mg/ng	0.000000 70		
2	4	arsenic { arsenic tr	ioxide }			840	mg/kg	1.32	1109.073	mg/kg	0.111 %		
-	-	033-003-00-0	215-481-4	1327-53-3	1	0.10	mg/ng	1.02	1100.070	mg/ng	0.111 /0		



		MACD	JIMED										
#		EU CLP index	Determinand  EC Number	CAS Number	P Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number		CAS Number	CLP							M	
3	<b>4</b>	Danam ( Danam	sulfate } 231-784-4	7727-43-7		260	mg/kg	1.7	441.874	mg/kg	0.0442 %		
4	4	beryllium { berylliun 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		2.1	mg/kg	3.22	6.762	mg/kg	0.000676 %		
6	4	cadmium { cadmiui 048-002-00-0		1306-19-0		0.98	mg/kg	1.142	1.119	mg/kg	0.000112 %		
7	4	chromium in chrom		•		27	mg/kg	1.462	39.462	mg/kg	0.00395 %		
8	4	chromium in chromoxide }		1308-38-9 Is { chromium(VI)		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o				110	mg/kg	1.126	123.848	mg/kg	0.0124 %		
10	4	iron { • iron (III) ox		1309-37-1		25000	mg/kg	1.43	35743.621	mg/kg	3.574 %		
11	4	lead { lead compospecified elsewhere	oounds with the exc		1	160	mg/kg		160	mg/kg	0.016 %		
12	4	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		210	mg/kg	2.749	577.198	mg/kg	0.0577 %		
13	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		0.75	mg/kg	1.353	1.015	mg/kg	0.000102 %		
14	æ	molybdenum { molybdenum }	ybdenum(VI) oxide 215-204-7	} 1313-27-5		5.9	mg/kg	1.5	8.851	mg/kg	0.000885 %		
15	4	nickel { nickel sulfa		7786-81-4		30	mg/kg	2.637	79.101	mg/kg	0.00791 %		
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			3.7	mg/kg	1.405	5.199	mg/kg	0.00052 %		
17	æ	034-002-00-8  vanadium {     pentoxide }  023-001-00-8	nadium pentaoxide	; vanadium		42	mg/kg	1.785	74.978	mg/kg	0.0075 %		
18	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		200	mg/kg	2.469	493.859	mg/kg	0.0494 %		
19	0	TPH (C6 to C40) p		ТРН		7400	mg/kg		7400	mg/kg	0.74 %		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	9	phenanthrene	201-581-5	85-01-8		170	mg/kg		170	mg/kg	0.017 %		
25	0	anthracene	204-371-1	120-12-7		63	mg/kg		63	mg/kg	0.0063 %		
26	0	fluoranthene	205-912-4	206-44-0		13	mg/kg		13	mg/kg	0.0013 %		
27	0	pyrene	204-927-3	129-00-0		36	mg/kg		36	mg/kg	0.0036 %		
28		chrysene 601-048-00-0	205-923-4	218-01-9		17	mg/kg		17	mg/kg	0.0017 %		





#			Determinand		Note	User entered data	1 1	Conv.	Compound	conc.	Classification value	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP		ľ	actor			value	MC	Osca
29		phenol				<0.02 mg/k	7		<0.02	mg/kg	<0.000002 %		<lod< th=""></lod<>
		604-001-00-2	203-632-7	108-95-2		10.02 mg/K	9		40.02		40.000002 70		1200
30	0	bromochlorometha	ne			<0.005 mg/k	,		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
			200-826-3	74-97-5		101000 mg/m	9		10.000		10.0000000 70		1202
31		dibromomethane				<0.001 mg/k			<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
		602-003-00-8	200-824-2	74-95-3		,g,							
32	0	bromodichlorometh				<0.005 mg/k	9		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
			200-856-7	75-27-4									
33	0	dibromochlorometh		,		<0.01 mg/k	9		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			204-704-0	124-48-1									
34		chlorobenzene				<0.001 mg/k			<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
		602-033-00-1	203-628-5	108-90-7		3							
35		styrene				<0.001 mg/k			<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
		601-026-00-0	202-851-5	100-42-5		ŭ i							
36	0	tert-butylbenzene				<0.001 mg/k	9		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
			202-632-4	98-06-6	_								
37	0	sec-butylbenzene				<0.001 mg/k	2		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
			205-227-0	135-98-8		3	_						
38	0	n-butylbenzene				<0.001 mg/k	9		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
_			203-209-7	104-51-8							4.050.0/		
										Total:	4.658 %		

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





Classification of sample: S3BH05[7]

A Hazardous Waste

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

### Sample details

Sample name: LoW Code:

S3BH05[7] Chapter: Sample Depth:

17 05 03 \* (Soil and stones containing hazardous substances)

17: Construction and Demolition Wastes (including excavated soil

3.2 m Entry:

### **Hazard properties**

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

from contaminated sites)

Force this Hazardous property to hazardous because HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

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.: 0.11%)

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.: 0.11%)

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound o	conc.	Classification value	MC Applied	Conc. Not Used
1	~	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	~	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		29 mg/kg	1.32	38.289	mg/kg	0.00383 %		
3	4	Danaii ( Danaii		7727-43-7		260 mg/kg	1.7	441.874	mg/kg	0.0442 %		
4	_	231-784-4   7727-43-7		1.1 mg/kg	2.775	3.053	mg/kg	0.000305 %				
5	5		oxide; boric oxide } 215-125-8	1303-86-2		4.9 mg/kg	3.22	15.777	mg/kg	0.00158 %		





=			JNALD		_						,	,	
#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF							MC	
6	4	cadmium { cadmiur 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
7	æ\$	chromium in chrom		s { • 1308-38-9		22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
8	4	chromium in chromoxide }		1		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o	oxide; copper (I) ox 215-270-7	ide }		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
10	ď	iron { • iron (III) ox	tide }	1309-37-1		27000	mg/kg	1.43	38603.11	mg/kg	3.86 %		
11	4	lead { lead compospecified elsewhere	ounds with the ex	ception of those	1	28	mg/kg		28	mg/kg	0.0028 %		
12		manganese { mang	ganese sulphate }	7785-87-7		130	mg/kg	2.749	357.313	mg/kg	0.0357 %		
13	æ	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	4	molybdenum { <mark>mol</mark> 042-001-00-9	ybdenum(VI) oxide 215-204-7	} 1313-27-5		0.8	mg/kg	1.5	1.2	mg/kg	0.00012 %		
15	<b>4</b>		232-104-9	7786-81-4		27	mg/kg	2.637	71.19	mg/kg	0.00712 %		
16	<b>4</b>	cadmium sulphose elsewhere in this A	elenium { selenium compounds with the exception of admium sulphoselenide and those specified sewhere in this Annex } 44-002-00-8				mg/kg	1.405	2.81	mg/kg	0.000281 %		
17	æ	vanadium { • divar	nadium pentaoxide 215-239-8	1; vanadium		31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
18	4	zinc { <mark>zinc sulphate</mark> 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		200	mg/kg	2.469	493.859	mg/kg	0.0494 %		
19	9	TPH (C6 to C40) p		ТРН		1100	mg/kg		1100	mg/kg	0.11 %		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0		205-912-4	206-44-0		6.1	mg/kg		6.1	mg/kg	0.00061 %		
27	0		204-927-3	129-00-0		4.2	mg/kg		4.2	mg/kg	0.00042 %		
28			205-923-4	218-01-9		0.76	mg/kg		0.76	mg/kg	0.000076 %		
29			203-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0		ne 200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>





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#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entered	I data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< th=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
35		styrene 601-026-00-0	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< th=""></lod<>
		•								Total:	4.128 %		

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

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





Classification of sample: S3BH05[8]

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

### Sample details

Sample name: LoW Code:

\$3BH05[8] Chapter:

Sample Depth:

4.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimor	ny trioxide }	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< td=""></lod<>
2	4	arsenic { arsenic tr	rioxide }			9.9	mg/kg	1.32	13.071	mg/kg	0.00131 %	П	
3	æ\$	barium { • barium		1327-53-3		40	mg/kg	1.7	67.981	mg/kg	0.0068 %		
			231-784-4	7727-43-7								Ш	
4	4	beryllium { beryllium		4004.50.0		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
-			215-133-1	1304-56-9	-							ш	
5	4		215-125-8	1303-86-2	-	4.3	mg/kg	3.22	13.845	mg/kg	0.00138 %		
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.18	mg/kg	1.142	0.206	mg/kg	0.0000206 %		
7	4	chromium in chrom	nium(III) compoun e (worst case)	ds {		7.9	mg/kg	1.462	11.546	mg/kg	0.00115 %		
			215-160-9	1308-38-9								Ш	
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
_	1 -		215-607-8	1333-82-0	-							╙	
9	4	copper { dicopper of 029-002-00-X	oxide; copper (I) c 215-270-7	1317-39-1	-	6.8	mg/kg	1.126	7.656	mg/kg	0.000766 %		
10	æ	iron { • iron (III) ox		1317-39-1		20000	mg/kg	1.43	28594.897	mg/kg	2.859 %	П	
			215-168-2	1309-37-1									
11		lead {			1	6.4	mg/kg		6.4	mg/kg	0.00064 %		
		082-001-00-6											
12	4		ganese sulphate ) 232-089-9	7785-87-7	-	130	mg/kg	2.749	357.313	mg/kg	0.0357 %		
13	4	mercury { mercury	dichloride }			<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.0000677 %	П	<lod< td=""></lod<>
	-	080-010-00-X	231-299-8	7487-94-7	1							igspace	
14		molybdenum { mol				1.3	mg/kg	1.5	1.95	mg/kg	0.000195 %		
-	1 -		215-204-7	1313-27-5	-							$\vdash$	
15	4	nickel { nickel sulfa 028-009-00-5	232-104-9	7786-81-4	-	8.8	mg/kg	2.637	23.203	mg/kg	0.00232 %		
Щ.		020 003-00-0	202-10 <del>4</del> -3	1 1 00-0 1-4								لسل	





#		Determinand			Note	User entered data		Conv.	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Osed
16	**	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			0.79	mg/kg	1.405	1.11	mg/kg	0.000111 %			
			034-002-00-8		-							+	
17	4	vanadium {				13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
			215-239-8	1314-62-1	-							+	
18	4	zinc { zinc sulphate } 030-006-00-9				47	mg/kg	2.469	116.057	mg/kg	0.0116 %		
19	0	TPH (C6 to C40) pe		TPH		30	mg/kg		30	mg/kg	0.003 %		
		benzene		IPH	+								
20			200-753-7	71-43-2	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
_		toluene	200 100 1	71 10 2		2 224			2 224				
21		601-021-00-3	203-625-9	108-88-3	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		<0.001	ilig/kg		V0.001	/kg	<0.0000001 /8		\LOD
23	Θ	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene		85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene	204-371-1	120-12-7		0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-912-4	206-44-0	-							-	
27	0	204-927-3   129-00-0				0.53	mg/kg		0.53	mg/kg	0.000053 %		
28		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
20		601-048-00-0					<b>~0.1</b>		<0.00001 70		100		
29		phenol 604-001-00-2	203-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha	ne 200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane	200-824-2	74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometh	ane			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	200-856-7 ane	75-27-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		204-704-0   124-48-1			Ш	30.01	mg/kg		33.01		13.000301 70		1200
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene		98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	205-227-0	135-98-8							<0.0000001 %		<lod< td=""></lod<>
36		-		<0.001	mg/kg		<0.001	mg/kg			<lud< td=""></lud<>		
										Total:	2.927 %		



User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.003%)





Classification of sample: S3BH05R

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

Entry:

Sample details

Sample name: LoW Code: S3BH05R Chapter:

Sample Depth: 0.5 m

Moisture content:

19%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

### **Determinands**

#		Determinand  EU CLP index EC Number CAS Number number		CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
1	-	antimony { antimor	•	4200 04 4		9.3	mg/kg	1.197	11.133	mg/kg	0.00111 %		
2	4	arsenic { arsenic tr	215-175-0 ioxide 215-481-4	1309-64-4		370	mg/kg	1.32	488.52	mg/kg	0.0489 %		
3	4	barium { • barium		7727-43-7		310	mg/kg	1.7	526.85	mg/kg	0.0527 %		
4	4	beryllium { berylliu		1304-56-9		6	mg/kg	2.775	16.652	mg/kg	0.00167 %		
5	4		oxide; boric oxide } 215-125-8	1303-86-2		2.1	mg/kg	3.22	6.762	mg/kg	0.000676 %		
6	4	cadmium { cadmiui 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				26	mg/kg	1.462	38	mg/kg	0.0038 %		
8	4	chromium in chromoxide }	nium(VI) compound	ds { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper o	215-607-8 <mark>oxide; copper (I) ox</mark> 215-270-7	1333-82-0 tide } 1317-39-1	-	93	mg/kg	1.126	104.708	mg/kg	0.0105 %		
10	æ	iron { • iron (III) o		1309-37-1		36000	mg/kg	1.43	51470.814	mg/kg	5.147 %		
11	4	lead {	oounds with the ex	ception of those	1	140	mg/kg		140	mg/kg	0.014 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7	_	1500	mg/kg	2.749	4122.846	mg/kg	0.412 %		
13	4	mercury { mercury	l	7487-94-7		0.8	mg/kg	1.353	1.083	mg/kg	0.000108 %		
14	4	molybdenum { mol		1		4.9	mg/kg	1.5	7.351	mg/kg	0.000735 %		
15		nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		45	mg/kg	2.637	118.651	mg/kg	0.0119 %		





#			CLP Note	User entered data		Conv.	Compound conc.		Classification value	MC Applied	Conc. Not Used		
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Useu
16	4	selenium { seleniur cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
-	æ\$	034-002-00-8  vanadium {   divanadium pentaoxide; vanadium			+								
17	•	pentoxide }	·			59	mg/kg	1.785	105.326	mg/kg	0.0105 %		
	_		215-239-8	1314-62-1	+							-	
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		230	mg/kg	2.469	567.938	mg/kg	0.0568 %		
	0	pН	251-795-5 [2]	[1133-02-0 [2]	H								
19	ľ			PH	1	7.5	рН		7.5	рН	7.5 pH		
20		benzene	1	1	T	<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<lod< td=""></lod<>
20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
<u> </u>		601-021-00-3	203-625-9	108-88-3		10.000					10.0000000 70		
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	-								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
1	0	fluorene				2.0			2.0		0.00000.0/		
24			201-695-5	86-73-7	1	3.8	mg/kg		3.8	mg/kg	0.00038 %		
25	0	phenanthrene			T	25	mg/kg		25	mg/kg	0.0025 %		
25			201-581-5	85-01-8		23	mg/kg		2.5	ilig/kg	0.0025 /6		
26	0	anthracene	204-371-1	120-12-7	-	11	mg/kg		11	mg/kg	0.0011 %		
27	0	fluoranthene	205-912-4	206-44-0		9.9	mg/kg		9.9	mg/kg	0.00099 %		
28	0	pyrene	1			10	mg/kg		10	mg/kg	0.001 %		
		204-927-3   129-00-0 chrysene			-								
29		601-048-00-0	205-923-4	218-01-9		4.3	mg/kg		4.3	mg/kg	0.00043 %		
30		phenol	203-632-7	108-95-2		1.4	mg/kg		1.4	mg/kg	0.00014 %		
-			+							$\vdash$			
31		dibromomethane	200-824-2	74-95-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	_	602-003-00-8 200-824-2 74-95-3 bromodichloromethane			+								
32	9			75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	(0)	dibromochlorometh	1	1	T	0.005			6 225		0.0000007.00	Г	1.55
33		204-704-0   124-48-1			1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	1			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-851-5	100-42-5	-								
36	0	tert-butylbenzene   202-632-4   98-06-6				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	_	sec-butylbenzene	E02-002-4	po-00-0	+								
37	Θ		205-227-0	135-98-8	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-209-7	104-51-8						Total	5 78 %	$\vdash$	
										Total:	5.78 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection

CLP: Note 1 Only the metal concentration has been used for classification





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

Classification of sample: S3BH05R[2]

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

03)

Sample details

Sample name: LoW Code: S3BH05R[2] Chapter: Sample Depth: 1 m

Entry:

Moisture content:

20%

(no correction)

**Hazard properties** 

None identified

### **Determinands**

#		Determinand  EU CLP index		CLP Note	licar antarad data		Conv. Factor	Compound conc		Classification value	MC Applied	Conc. Not Used	
1	4	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		8.2	mg/kg	1.197	9.816	mg/kg	0.000982 %		
2	4	arsenic { arsenic tr		1327-53-3		290	mg/kg	1.32	382.894	mg/kg	0.0383 %		
3		barium { • barium		7727-43-7		290	mg/kg	1.7	492.86	mg/kg	0.0493 %		
4	-	beryllium { berylliur		1304-56-9		5.6	mg/kg	2.775	15.542	mg/kg	0.00155 %		
5	-		oxide; boric oxide } 215-125-8	1303-86-2		1.4	mg/kg	3.22	4.508	mg/kg	0.000451 %		
6	*	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chrom		ds { • 1308-38-9		29	mg/kg	1.462	42.385	mg/kg	0.00424 %		
8	4	chromium in chromoxide }	nium(VI) compound	ds { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper o	215-607-8 oxide; copper (I) ox 215-270-7	1333-82-0 (ide    1317-39-1		81	mg/kg	1.126	91.197	mg/kg	0.00912 %		
10	4	iron { • iron (III) ox		1309-37-1		41000	mg/kg	1.43	58619.538	mg/kg	5.862 %		
11		lead {	oounds with the ex	ception of those	1	100	mg/kg		100	mg/kg	0.01 %		
12		082-001-00-6 manganese { mang		7705.07.7		1600	mg/kg	2.749	4397.702	mg/kg	0.44 %		
13	_	mercury { mercury		7785-87-7		0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %		
14	4	080-010-00-X 231-299-8 7487-94-7 molybdenum { molybdenum(VI) oxide } 042-001-00-9 215-204-7 1313-27-5				4.7	mg/kg	1.5	7.051	mg/kg	0.000705 %		
15	4	nickel { nickel sulfa		7786-81-4		62	mg/kg	2.637	163.474	mg/kg	0.0163 %		





#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor	•		value	MC/	Usea
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	-	034-002-00-8			+							Н	
17	4	vanadium {	nadium pentaoxide 215-239-8	1314-62-1		66	mg/kg	1.785	117.822	mg/kg	0.0118 %		
	_			1314-02-1	+							$\vdash$	
18	_		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		190	mg/kg	2.469	469.166	mg/kg	0.0469 %		
19	0	рН		PH		7.5	рН		7.5	рН	7.5 pH		
	_	benzene		FII	-							Н	
20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
23		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
24	0	fluorene				10	mg/kg		10	mg/kg	0.001 %		
			201-695-5	86-73-7									
25	0	phenanthrene	201-581-5	85-01-8		46	mg/kg		46	mg/kg	0.0046 %		
26	0	anthracene	204-371-1	120-12-7		20	mg/kg		20	mg/kg	0.002 %		
27	0	fluoranthene	205-912-4	206-44-0		18	mg/kg		18	mg/kg	0.0018 %		
28	0	pyrene	204-927-3	129-00-0		18	mg/kg		18	mg/kg	0.0018 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		8.5	mg/kg		8.5	mg/kg	0.00085 %		
30		phenol 604-001-00-2	203-632-7	108-95-2		0.56	mg/kg		0.56	mg/kg	0.000056 %		
31		dibromomethane	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %	П	<lod< td=""></lod<>
32	0	bromodichlorometh	nane			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %	H	<lod< td=""></lod<>
		602-033-00-1 styrene	203-628-5	108-90-7								H	
35		601-026-00-0	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0		202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	Θ	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
					_					Total:	6.504 %	ľ	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

03)

Classification of sample: S3BH05R[3]

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

Sample details

Sample name: LoW Code: S3BH05R[3] Chapter:

Sample Depth:

5 m Entry:

Moisture content:

17%

(no correction)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 17% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index	CLF							MC	
1	4	antimony { antimony trioxide }		7.5	mg/kg	1.197	8.978	mg/kg	0.000898 %		
		051-005-00-X 215-175-0 1309-64-4								<u> </u>	
2	4	arsenic { arsenic trioxide } 033-003-00-0		300	mg/kg	1.32	396.098	mg/kg	0.0396 %		
	æ	barium { • barium sulfate }									
3	~		-	250	mg/kg	1.7	424.879	mg/kg	0.0425 %		
-	-	beryllium { beryllium oxide }								+	
4	4	004-003-00-8   215-133-1   1304-56-9	-	4.8	mg/kg	2.775	13.322	mg/kg	0.00133 %		
	_	boron { diboron trioxide; boric oxide }	+							+	
5	4	005-008-00-8 215-125-8 1303-86-2	-	0.8	mg/kg	3.22	2.576	mg/kg	0.000258 %		
6	4	cadmium { cadmium oxide }		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
Ľ	Ĭ	048-002-00-0 215-146-2 1306-19-0		V0.2		1.172	<b>40.220</b>		<0.0000220 70		LOD
7	<b>4</b>	chromium in chromium(III) compounds {		27	mg/kg	1.462	39.462	mg/kg	0.00395 %		
		215-160-9 1308-38-9									
8	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0								Ļ	
9	4	copper { dicopper oxide; copper (I) oxide }		83	mg/kg	1.126	93.449	mg/kg	0.00934 %		
		029-002-00-X 215-270-7 1317-39-1								-	
10	æ <b>\$</b>	iron ( iron (III) oxide )		37000	mg/kg	1.43	52900.559	mg/kg	5.29 %		
	æ.	lead { • lead compounds with the exception of those									
11		specified elsewhere in this Annex (worst case) }	1	130	mg/kg		130	mg/kg	0.013 %		
		082-001-00-6								-	
12	4	manganese { manganese sulphate } 025-003-00-4   232-089-9   7785-87-7	-	1400	mg/kg	2.749	3847.989	mg/kg	0.385 %		
13	æ.	mercury { mercury dichloride }	$\vdash$	0.0	m a /l c =:	4.050	1.000		0.0004.00.0/		
13	_	080-010-00-X 231-299-8 7487-94-7		0.8	mg/kg	1.353	1.083	mg/kg	0.000108 %		
14	4	molybdenum { molybdenum(VI) oxide }		6.3	mg/kg	1.5	9.451	mg/kg	0.000945 %		
_		042-001-00-9 215-204-7 1313-27-5	$\perp$							-	
15	4	nickel { nickel sulfate }		38	mg/kg	2.637	100.194	mg/kg	0.01 %		
		028-009-00-5 232-104-9 7786-81-4	$\perp$								





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			T doto!			Value	MC	0000
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8										Н	
17	<b>4</b>	vanadium {				54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
			215-239-8	1314-62-1	-								
18	4		•	7446-19-7 [1] 7733-02-0 [2]		170	mg/kg	2.469	419.78	mg/kg	0.042 %		
19	0	pH		PH		7.5	рН		7.5	рН	7.5 pH		
		benzene	<u> </u>	r · ·		0.005			0.005		0.000005.0/	П	1.00
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		<b>40.000</b>	mg/kg		<b>VO.000</b>		<0.0000000 70		
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-849-4	100-41-4	-								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				7.5	mg/kg		7.5	mg/kg	0.00075 %		
			201-695-5	86-73-7		7.5			7.0	mg/kg	0.00070 70		
25	0	phenanthrene		I		46	mg/kg		46	mg/kg	0.0046 %		
			201-581-5	85-01-8	-								
26	0	anthracene	204-371-1	120-12-7	-	19	mg/kg		19	mg/kg	0.0019 %		
		fluoranthene	20+0/11	120 12 7									
27			205-912-4	206-44-0		20	mg/kg		20	mg/kg	0.002 %		
28	0	pyrene	204-927-3	129-00-0		19	mg/kg		19	mg/kg	0.0019 %		
20		chrysene		1		0.4	ma/ka		0.4	ma/ka	0.00004.9/		
29		-	205-923-4	218-01-9		9.4	mg/kg		9.4	mg/kg	0.00094 %		
30		phenol				0.52	mg/kg		0.52	mg/kg	0.000052 %		
			203-632-7	108-95-2	1					٠ى			
31		dibromomethane	000 004 0	74.05.0		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		602-003-00-8 bromodichlorometh		74-95-3	$\vdash$				<u> </u>				
32	0		200-856-7	75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
-	0	dibromochlorometh		70 27 1	t							Н	
33			204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
0.5		styrene		1.00 00 .		0.005			0.005		0.000005.0/	П	1.00
35		•	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-632-4	98-06-6	-								
37	0	sec-butylbenzene	205-227-0	135-98-8	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
20	0	n-butylbenzene	_00 221 0	1.00 00 0		0.005	/!		0.005	m = //	-0.0000005.0/		1.00
38		*	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
										Total:	5.861 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH05R[4]

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

Sample details

Sample name: LoW Code: S3BH05R[4] Chapter: Sample Depth: 1.65 m

Entry:

Moisture content:

19%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 19% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimor	ny trioxide }	1309-64-4		12	mg/kg	1.197	14.365	mg/kg	0.00144 %		
2	4	arsenic { arsenic tr 033-003-00-0	rioxide } 215-481-4	1327-53-3		170	mg/kg	1.32	224.455	mg/kg	0.0224 %		
3	4	barium { • barium	sulfate }	7727-43-7		110	mg/kg	1.7	186.947	mg/kg	0.0187 %		
4	4	beryllium { berylliu 004-003-00-8	m oxide }	1304-56-9		0.74	mg/kg	2.775	2.054	mg/kg	0.000205 %		
5	4	boron { <mark>diboron tric</mark> 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.3	mg/kg	3.22	0.966	mg/kg	0.0000966 %		
6	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< th=""></lod<>
7	4	chromium(III) oxide	nium(III) compound e (worst case) 215-160-9	s { <sup>®</sup>		5.4	mg/kg	1.462	7.892	mg/kg	0.000789 %		
8	4	chromium in chromoxide }	nium(VI) compound			<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
9	4		oxide; copper (I) ox			23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
10	4	iron { • iron (III) o	xide }	1309-37-1		19000	mg/kg	1.43	27165.152	mg/kg	2.717 %		
11	4	lead { lead compospecified elsewher 082-001-00-6	pounds with the exc e in this Annex (wo	ception of those rst case) }	1	52	mg/kg		52	mg/kg	0.0052 %		
12	4	manganese { manganese   manganese	ganese sulphate }	7785-87-7		200	mg/kg	2.749	549.713	mg/kg	0.055 %		
13	4	mercury { mercury 080-010-00-X		7487-94-7		0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %		
14	4		lybdenum(VI) oxide 215-204-7	} 1313-27-5		1.1	mg/kg	1.5	1.65	mg/kg	0.000165 %		
15	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		6.6	mg/kg	2.637	17.402	mg/kg	0.00174 %		





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	<b>4</b>	cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8			+								
17	4	vanadium {		,		14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
		1	215-239-8	1314-62-1									
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		39	mg/kg	2.469	96.303	mg/kg	0.00963 %		
19	0	рН		PH		7.4	рН		7.4	рН	7.4 pH		
20		benzene	J.	J.		<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<lod< td=""></lod<>
20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		10.000					10.0000000 70		
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		}	202-849-4	100-41-4	-								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-695-5	86-73-7	1	0.2			0.2.		0.00002.70		
25	•	phenanthrene	I			1.8	mg/kg		1.8	mg/kg	0.00018 %		
		1	201-581-5	85-01-8	+								
26	0	anthracene	204-371-1	120-12-7	-	0.84	mg/kg		0.84	mg/kg	0.000084 %		
		fluoranthene	204-37 1-1	120-12-1	+								
27	Ĭ		205-912-4	206-44-0	-	3.2	mg/kg		3.2	mg/kg	0.00032 %		
28	0	pyrene	204-927-3	129-00-0		3.1	mg/kg		3.1	mg/kg	0.00031 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		2	mg/kg		2	mg/kg	0.0002 %		
30		phenol	,			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		604-001-00-2	203-632-7	108-95-2	L	<b>\0.1</b>	mg/kg		VO. 1		3.00001 /0		\_UD
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		1	200-824-2	74-95-3	+		- 5 5						
32	0	1	200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-628-5	108-90-7	-								
35		1	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
38	Θ	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		1	<u>.                                      </u>	<u>-</u>						Total:	2.839 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH05R[5]

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

03)

Entry:

Sample details

Sample name: LoW Code: S3BH05R[5] Chapter:

S3BH05R[5] Sample Depth: 2.5 m

Moisture content:

Moisture (

(no correction)

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

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 20% No Moisture Correction applied (MC)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	p <mark>y trioxide</mark> } 215-175-0	1309-64-4		12	mg/kg	1.197	14.365	mg/kg	0.00144 %		
2	_	arsenic { arsenic tr 033-003-00-0	i <mark>oxide</mark> } 215-481-4	1327-53-3		510	mg/kg	1.32	673.366	mg/kg	0.0673 %		
3			231-784-4	7727-43-7		240	mg/kg	1.7	407.884	mg/kg	0.0408 %		
4		beryllium { beryllium 004-003-00-8	<mark>n oxide</mark> } 215-133-1	1304-56-9		5.4	mg/kg	2.775	14.987	mg/kg	0.0015 %		
5	4		oxide; boric oxide } 215-125-8	1303-86-2		0.6	mg/kg	3.22	1.932	mg/kg	0.000193 %		
6	4		<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium(III) oxide		s { • 1308-38-9		21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
8	4	chromium in chromoxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper o				120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
10	4	iron { • iron (III) o	kide } 215-168-2	1309-37-1		68000	mg/kg	1.43	97222.648	mg/kg	9.722 %		
11	4	lead {  lead compospecified elsewhere			1	250	mg/kg		250	mg/kg	0.025 %		
12	4	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		1700	mg/kg	2.749	4672.559	mg/kg	0.467 %		
13	4	mercury { mercury		7487-94-7		3.7	mg/kg	1.353	5.008	mg/kg	0.000501 %		
14		molybdenum { mol				6.2	mg/kg	1.5	9.301	mg/kg	0.00093 %		
15	æ\$	nickel { nickel sulfa		7786-81-4		42	mg/kg	2.637	110.741	mg/kg	0.0111 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Useu
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
												Н	
17	4	vanadium {	•			73	mg/kg	1.785	130.319	mg/kg	0.013 %		
	_		215-239-8	1314-62-1	+							-	
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	460	mg/kg	2.469	1135.876	mg/kg	0.114 %		
	0	pН	201-190-0 [2]	1133-02-0 [2]	$\vdash$								
19	ľ			PH	1	7.5	рН		7.5	рН	7.5 pH		
20		benzene	1	1		-0.005			-0.005		-0.000000E 0/		100
20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		<b>\(\tau_0.003\)</b>	mg/kg		<b>~0.003</b>		<0.0000003 /6		LOD
22	0	ethylbenzene				<0.005	mg/kg		< 0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	1								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	0	fluorene	[.]		T								
24			201-695-5	86-73-7	-	1.8	mg/kg		1.8	mg/kg	0.00018 %		
25	0	phenanthrene	1	1		14	ma/ka		14	ma/ka	0.0014 %		
25			201-581-5	85-01-8	1	14	mg/kg		14	mg/kg	0.0014 %		
26	0	anthracene	204-371-1	120-12-7		5.3	mg/kg		5.3	mg/kg	0.00053 %		
27	0	fluoranthene	205-912-4	206-44-0		26	mg/kg		26	mg/kg	0.0026 %		
28	0	pyrene	204-927-3	129-00-0		24	mg/kg		24	mg/kg	0.0024 %		
		chrysene	204-927-3	129-00-0									
29		601-048-00-0	205-923-4	218-01-9		14	mg/kg		14	mg/kg	0.0014 %		
30		phenol 604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
32	0	bromodichlorometh		75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	9	dibromochlorometh	1	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	203-628-5	108-90-7	$\perp$	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-851-5	100-42-5	-								
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	Θ	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		Ĭ.	F-00 200 !	1.01010				L		Total:	10.49 %		
											L ' ' '		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH05R[6]

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

Sample details

Sample name: LoW Code: S3BH05R[6] Chapter: Sample Depth: 3.2 m

Entry:

Moisture content:

20%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 20% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimor	ny trioxide }	1309-64-4		2.4	mg/kg	1.197	2.873	mg/kg	0.000287 %		
2	æ å					21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3	e#		sulfate }	1327-53-3		280	mg/kg	1.7	475.865	mg/kg	0.0476 %		
4	ď	beryllium { berylliu	231-784-4 m oxide } 215-133-1	7727-43-7 1304-56-9		1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
5	æ å			1303-86-2	_	0.5	mg/kg	3.22	1.61	mg/kg	0.000161 %		
6	4			1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
7	4	chromium in chron		ls { •		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
8	4	oxide }	nium(VI) compound	ds { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
9	4	024-001-00-0 copper { dicopper 029-002-00-X	215-607-8 oxide; copper (I) ox 215-270-7	1333-82-0 tide } 1317-39-1		17	mg/kg	1.126	19.14	mg/kg	0.00191 %		
10	ď	iron { • iron (III) o		1309-37-1		23000	mg/kg	1.43	32884.131	mg/kg	3.288 %		
11	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6	pounds with the ex	ception of those	1	24	mg/kg		24	mg/kg	0.0024 %		
12	e C		ganese sulphate }	7785-87-7		110	mg/kg	2.749	302.342	mg/kg	0.0302 %		
13	æ		1	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< th=""></lod<>
14	4					0.86	mg/kg	1.5	1.29	mg/kg	0.000129 %		
15	e#			7786-81-4		28	mg/kg	2.637	73.827	mg/kg	0.00738 %		





#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC/	Usea
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8			+							Н	
17	4	vanadium {	nadium pentaoxide 215-239-8	1314-62-1		30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
_	-			1314-02-1	+-							$\vdash$	
18	_		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		180	mg/kg	2.469	444.473	mg/kg	0.0444 %		
19	0	рН		PH		6	рН		6	рН	6рН		
	-	benzene		гп								Н	
20			200-753-7	71-43-2	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene	l.			<0.005	ma/ka		<0.005	ma/ka	~0.0000005 %		<lod< td=""></lod<>
۷۱		601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\perp$			202-849-4	100-41-4	-		J J					H	
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7		10.00			40.00		10.000000 70		
25	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol 604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
32	0	bromodichlorometh		75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-631-3	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	Θ	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	Θ	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	_		ı							Total:	3.435 %	П	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH06

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

### Sample details

Sample name: LoW Code: S3BH06 Chapter: Sample Depth:

0.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)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)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimony 051-005-00-X	trioxide }	1309-64-4		4.7	mg/kg	1.197	5.626	mg/kg	0.000563 %		
2	4	arsenic { arsenic triox	<mark>kide</mark> }	1327-53-3		97	mg/kg	1.32	128.072	mg/kg	0.0128 %		
3	4	barium { • barium su		7727-43-7		370	mg/kg	1.7	628.821	mg/kg	0.0629 %		
4	4	beryllium { beryllium		1304-56-9		11	mg/kg	2.775	30.529	mg/kg	0.00305 %		
5	4	boron { <mark>diboron trioxi</mark> 005-008-00-8 21		1303-86-2		1.5	mg/kg	3.22	4.83	mg/kg	0.000483 %		
6	4	cadmium { <mark>cadmium</mark> 048-002-00-0 21	•	1306-19-0		0.44	mg/kg	1.142	0.503	mg/kg	0.0000503 %		
7	4	chromium in chromiu chromium(III) oxide (	worst case) }	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
8	æ	chromium in chromiu	ım(VI) compound			<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper oxi	ide; copper (I) oxi			120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
10	4	iron { • iron (III) oxid		1309-37-1		37000	mg/kg	1.43	52900.559	mg/kg	5.29 %		
11	æ	lead { lead composite of lead   lead composite of lead composite o			1	140	mg/kg		140	mg/kg	0.014 %		
12	4	manganese { manga		7785-87-7		2200	mg/kg	2.749	6046.84	mg/kg	0.605 %		
13	4	mercury { mercury di	chloride }	7487-94-7		1.6	mg/kg	1.353	2.166	mg/kg	0.000217 %		
14	4	<b>molybdenum</b> { <b>molyb</b> 042-001-00-9		} 1313-27-5		8.7	mg/kg	1.5	13.052	mg/kg	0.00131 %		
15	4	nickel { <mark>nickel sulfate</mark> 028-009-00-5 23	·	7786-81-4		71	mg/kg	2.637	187.205	mg/kg	0.0187 %		





EU CLP Index	#			Determinand		Note	User entere	d data	Conv.	Compound	conc	Classification	Applied	Conc. Not
Cadmium sulphoselenide and those specified elsewhere in this Annex.	#			EC Number	CAS Number	CLP Note	Oser entere	u uata	Factor	Compound	conc.	value	MC A	Used
17			cadmium s <mark>ulphose elsewhere in this A</mark>	elenide and those s			2.7	mg/kg	1.405	3.794	mg/kg	0.000379 %		
Pertodicie		(	034-002-00-8			_								
18		•	pentoxide }	•			76	mg/kg	1.785	135.674	mg/kg	0.0136 %		
18		-			1314-62-1	-								
19   TPH (C6 to C40) petroleum group		•					110	ma/ka	2 460	274 622	ma/ka	0.0272.0/		
Part	10			231-793-3 [2]		L	110	mg/kg	2.409	271.023	mg/kg	0.0272 %		
20	19	9	TPH (C6 to C40) p	etroleum group	TPH		780	mg/kg		780	mg/kg	0.078 %		
Both-020-00-8   200-753-7   71-43-2   1   1   1   1   1   1   1   1   1	20	L					<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
S01-021-00-3   203-625-9   108-88-3		6	601-020-00-8	200-753-7	71-43-2	_								
S01-021-00-3   203-625-9   108-88-3	21	L		1			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
Solid		_		203-625-9	108-88-3	-								
Fluorene   201-695-5   β6-73-7	22		•	000 040 4	400 44 4	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23		+		202-849-4	100-41-4									
24	23	9	liuorene	b01 605 5	96 72 7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	H-		nhenanthrene	201-095-5	00-73-7	+								
25	24		pricriantinone	201-581-5	85-01-8	-	1.1	mg/kg		1.1	mg/kg	0.00011 %		
25	6	a	anthracene	<u> </u>	po 01 0									
28	25	-		204-371-1	120-12-7	1	0.84	mg/kg		0.84	mg/kg	0.000084 %		
27	26	9	fluoranthene	205-912-4	206-44-0		6.1	mg/kg		6.1	mg/kg	0.00061 %		
27	0	a	pvrene											
28	27	-	., .	204-927-3	129-00-0	1	5.5	mg/kg		5.5	mg/kg	0.00055 %		
Solid   Post	20	T	chrysene	1			4.1	ma/ka		4.1	malka	0.00041.9/		
29	20	6	601-048-00-0	205-923-4	218-01-9		4.1	mg/kg		4.1	mg/kg	0.00041 %		
604-001-00-2   203-632-7   108-95-2	29		phenol				<0.02	ma/ka		<0.02	ma/ka	<0.000002 %		<lod< td=""></lod<>
200-826-3   74-97-5		6	604-001-00-2	203-632-7	108-95-2	1_	10.02					10.000002 /0		
dibromomethane	30	0	bromochlorometha				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		4	19	200-826-3	74-97-5	+								
32	31			000 004 0	74.05.2	_	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
200-856-7   75-27-4	$\vdash$	$\dashv$			J 4-90-3	+							H	
33     dibromochloromethane	32   6	9	DIOMOGICI IIOTOTHELI		75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
204-704-0   124-48-1   20.01   mg/kg   20.000001 %   21   224-48-1   204-704-0   124-48-1   204-704-0   124-48-1   204-704-0   124-48-1   204-704-0   124-48-1   204-704-0   124-48-1   204-704-0   203-628-5   108-90-7   202-001   mg/kg   20.0000001 %   21   203-628-5   108-90-7   200-001   mg/kg   20.0000001 %   21   203-628-5   100-42-5   200-632-4   202-632-4	00 0	9	dibromochlorometl	1	1	+								
34 chlorobenzene         colorobenzene	33	-			124-48-1	-	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Styrene   Styr	24	7	chlorobenzene	1	1		-0.004	malle		-0.001	malle	<0.0000004.0/		-1.00
35	34	6	602-033-00-1	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	20.0000001%		<lod< td=""></lod<>
Sec-butylbenzene   Countylbenzene   Co	35	T	styrene				<0.001	ma/ka		<0.001	ma/ka	<0.0000001 %		<lod< td=""></lod<>
202-632-4   98-06-6		6	601-026-00-0	202-851-5	100-42-5		30.001			33.001		13.0003001 78		
Sec-butylbenzene   Sec-butylbe	36	0	tert-butylbenzene	202-632-4	98-06-6	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37   205-227-0   135-98-8   <0.001 mg/kg	0= 6	9	sec-butylbenzene	1	1	$\dagger$								
38 n-butylbenzene <0.001 mg/kg <0.0000001 % <l< td=""><td>37</td><td>-</td><td><b>,</b></td><td>205-227-0</td><td>135-98-8</td><td>-</td><td>&lt;0.001</td><td>mg/kg</td><td></td><td>&lt;0.001</td><td>mg/kg</td><td>&lt;0.0000001 %</td><td></td><td><lod< td=""></lod<></td></l<>	37	-	<b>,</b>	205-227-0	135-98-8	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
K02-202-1 104-21-0	38	9	n-butylbenzene			_	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
Total: 6.146 %				E00-205-1	104-31-0						Total:	6 146 %		



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 Selow limit of detection





# **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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.078%)





Classification of sample: S3BH06[2]

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

### Sample details

Sample name: LoW Code:

\$38H06[2] Chapter:

Sample Depth:

1.2 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	æ (	antimony { antimony trioxide } 051-005-00-X		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	4	arsenic { arsenic trioxide }		42 mg/kg	1.32	55.454 mg/kg	0.00555 %		
3	4	barium { • barium sulfate }		190 mg/kg	1.7	322.908 mg/kg	0.0323 %		
4	4	beryllium { beryllium oxide } 004-003-00-8		3.9 mg/kg	2.775	10.824 mg/kg	0.00108 %		
5	4	boron { diboron trioxide; boric oxide } 005-008-00-8   215-125-8   1303-86-2		1.9 mg/kg	3.22	6.118 mg/kg	0.000612 %		
6	4	cadmium { cadmium oxide }                     048-002-00-0                   215-146-2                   1306-19-0		0.23 mg/kg	1.142	0.263 mg/kg	0.0000263 %		
7	<b>«</b>	chromium in chromium(III) compounds {		8.4 mg/kg	1.462	12.277 mg/kg	0.00123 %		
8	4	215-160-9   1308-38-9   chromium in chromium(VI) compounds { chromium(VI) oxide }   024-001-00-0   215-607-8   1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
10	<b>«</b>	iron { • iron (III) oxide }		16000 mg/kg	1.43	22875.917 mg/kg	2.288 %		
11	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	70 mg/kg		70 mg/kg	0.007 %		
12	4	manganese { manganese sulphate } 025-003-00-4		770 mg/kg	2.749	2116.394 mg/kg	0.212 %		
13		mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7		1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9		3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
15	4	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		27 mg/kg	2.637	71.19 mg/kg	0.00712 %		





#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 actor			value	MC,	Oseu
16	**	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			1.1	mg/kg	1.405	1.546	mg/kg	0.000155 %		
		034-002-00-8			-								
17	4	vanadium {				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8 zinc { zinc sulphate	215-239-8	1314-62-1	+								
18	4	030-006-00-9	231-793-3 [1]	7446-19-7 [1] 7733-02-0 [2]		51	mg/kg	2.469	125.934	mg/kg	0.0126 %		
19	0	TPH (C6 to C40) pe		TPH		340	mg/kg		340	mg/kg	0.034 %		
		benzene		IPH									
20			200-753-7	71-43-2	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
_		toluene	200 700 7	71 10 2		2 224							
21			203-625-9	108-88-3	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4		V0.001	IIIg/kg		V0.001	ilig/kg	<0.0000001 /8		\LOD
23	Θ	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	Θ	phenanthrene	201-581-5	85-01-8		3.1	mg/kg		3.1	mg/kg	0.00031 %		
25	0	anthracene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
26	0	fluoranthene	204-371-1	120-12-7		16	mg/kg		16	mg/kg	0.0016 %		
20			205-912-4	206-44-0		10	mg/kg		10	ilig/kg	0.0010 /6		
27	0	pyrene	204-927-3	129-00-0	-	17	mg/kg		17	mg/kg	0.0017 %		
00		chrysene		1.20 00 0		44			44	//	0.0044.0/		
28		601-048-00-0	205-923-4	218-01-9		11	mg/kg		11	mg/kg	0.0011 %		
29		phenol 604-001-00-2	203-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha	ne 200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane	200-824-2	74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometh	ane			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	200-856-7 ane	75-27-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
			204-704-0	124-48-1		\0.01	mg/kg		\J.0.01		3.00001 /0		\LUD
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	202-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	205-227-0	135-98-8		<0.001	mg/kg		<0.001		<0.0000001 %		<lod< td=""></lod<>
36			203-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg			<lud< td=""></lud<>
										Total:	2.617 %		



User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





# **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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.034%)





Classification of sample: S3BH06R

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

### Sample details

Sample name: LoW Code: S3BH06R Chapter: Sample Depth: 0.2 m Entry:

from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05

17: Construction and Demolition Wastes (including excavated soil

03)

Moisture content:

14%

(no correction)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 14% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	-	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		13	mg/kg	1.197	15.562	mg/kg	0.00156 %		
2	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		49	mg/kg	1.32	64.696	mg/kg	0.00647 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		300	mg/kg	1.7	509.855	mg/kg	0.051 %		
4	æ	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		5.8	mg/kg	2.775	16.097	mg/kg	0.00161 %		
5	4	boron { <mark>diboron tric</mark> 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.7	mg/kg	3.22	2.254	mg/kg	0.000225 %		
6	4	cadmium { <mark>cadmiul</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chrom		ls { • 1308-38-9		31	mg/kg	1.462	45.308	mg/kg	0.00453 %		
8	æ	chromium in chromoxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	æ	copper { dicopper o	oxide; copper (I) ox 215-270-7	tide }		96	mg/kg	1.126	108.085	mg/kg	0.0108 %		
10	4	iron { • iron (III) o		1309-37-1		36000	mg/kg	1.43	51470.814	mg/kg	5.147 %		
11	4	lead { • lead comp specified elsewhere			1	140	mg/kg		140	mg/kg	0.014 %		
12	4	manganese { mang	J <mark>ganese sulphate</mark> } 232-089-9	7785-87-7		1500	mg/kg	2.749	4122.846	mg/kg	0.412 %		
13	4	mercury { mercury		7487-94-7		0.5	mg/kg	1.353	0.677	mg/kg	0.0000677 %		
14	-	molybdenum { moly		1		4.8	mg/kg	1.5	7.201	mg/kg	0.00072 %		
15	~	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		40	mg/kg	2.637	105.467	mg/kg	0.0105 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	æ	vanadium { • divalue   divalue	•			57	mg/kg	1.785	101.756	mg/kg	0.0102 %		
18	æ	zinc { <mark>zinc sulphate</mark> 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130	mg/kg	2.469	321.009	mg/kg	0.0321 %		
19	0	рH	[_]	PH		8.2	рН		8.2	рН	8.2 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene	203-625-9	108-88-3	_	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
24	0	fluorene	201-695-5	86-73-7		0.93	mg/kg		0.93	mg/kg	0.000093 %		
25	0	phenanthrene	201-581-5	85-01-8		11	mg/kg		11	mg/kg	0.0011 %		
26	0	anthracene	204-371-1	120-12-7		6	mg/kg		6	mg/kg	0.0006 %		
27	0	fluoranthene	205-912-4	206-44-0		24	mg/kg		24	mg/kg	0.0024 %		
28	9	pyrene	204-927-3	129-00-0		22	mg/kg		22	mg/kg	0.0022 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		9.7	mg/kg		9.7	mg/kg	0.00097 %		
30		phenol 604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
31		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
35		styrene 601-026-00-0	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
38	Θ	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	_		1	1	_					Total:	5.711 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH06R[2]

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

### Sample details

Sample name: LoW Code: S3BH06R[2] Chapter: Sample Depth: 1.2 m Entry:

Moisture content: 11%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 11% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		9.9	mg/kg	1.197	11.851	mg/kg	0.00119 %		
2	4	arsenic { arsenic tr 033-003-00-0	<mark>ioxide</mark> } 215-481-4	1327-53-3		38	mg/kg	1.32	50.172	mg/kg	0.00502 %		
3	<b>4</b>	barium { • barium	<mark>sulfate</mark> } 231-784-4	7727-43-7	-	200	mg/kg	1.7	339.903	mg/kg	0.034 %		
4	4	beryllium { berylliur 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		4.3	mg/kg	2.775	11.934	mg/kg	0.00119 %		
5	4	boron { <mark>diboron tric</mark> 005-008-00-8	o <mark>xide; boric oxide</mark> } 215-125-8	1303-86-2		0.8	mg/kg	3.22	2.576	mg/kg	0.000258 %		
6	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chrom chromium(III) oxide		s {	-	25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
8	4	chromium in chromoxide }	nium(VI) compound	ls { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper o	oxide; copper (I) ox 215-270-7	ide }		73	mg/kg	1.126	82.19	mg/kg	0.00822 %		
10	4	iron { • iron (III) ox	<mark>kide</mark> }  215-168-2	1309-37-1		27000	mg/kg	1.43	38603.11	mg/kg	3.86 %		
11	4	lead { • lead comp specified elsewhere 082-001-00-6			1	77	mg/kg		77	mg/kg	0.0077 %		
12	æ	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		1200	mg/kg	2.749	3298.277	mg/kg	0.33 %		
13	4	mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { moly	ybdenum(VI) oxide 215-204-7	1		3.5	mg/kg	1.5	5.251	mg/kg	0.000525 %		
15	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		31	mg/kg	2.637	81.737	mg/kg	0.00817 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Oseu
16	4	cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
-		034-002-00-8			+							Н	
17	4	vanadium { divar pentoxide } 023-001-00-8	nadium pentaoxide	1314-62-1		49	mg/kg	1.785	87.474	mg/kg	0.00875 %		
		zinc { zinc sulphate		1314-02-1	+								
18		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		84	mg/kg	2.469	207.421	mg/kg	0.0207 %		
19	0	pH		PH		7.7	рН		7.7	рН	7.7 pH		
		benzene		F11	+								
20			200-753-7	71-43-2	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3 ethylbenzene	203-625-9	108-88-3								Н	
22	9		202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-695-5	86-73-7									
25	0	phenanthrene	201-581-5	85-01-8	-	4.9	mg/kg		4.9	mg/kg	0.00049 %		
26	0	anthracene	204-371-1	120-12-7		1.6	mg/kg		1.6	mg/kg	0.00016 %		
27	0	fluoranthene	205-912-4	206-44-0	+	10	mg/kg		10	mg/kg	0.001 %		
28	0	pyrene	204-927-3	129-00-0		9	mg/kg		9	mg/kg	0.0009 %		
29		chrysene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
			205-923-4	218-01-9	-								
30		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			200-824-2	74-95-3	+								
32	0	bromodichlorometh	ane 200-856-7	75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	·	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	203-628-5	108-90-7	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-026-00-0 tert-butylbenzene	202-851-5	100-42-5									
36	9		202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	0	n-butylbenzene	205-227-0	135-98-8	+							$\vdash$	
38	9		203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
				-						Total:	4.293 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

Classification of sample: S3BH06R[3]

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

03)

Sample details

Sample name: LoW Code: Chapter:

Sample Depth:

3 m Entry:

Moisture content:

18%

(no correction)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 18% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index	CLF							MC	
1	4			1.8	mg/kg	1.197	2.155	mg/kg	0.000215 %		
-		051-005-00-X	+							╁	
2	₫\$	033-003-00-0 215-481-4 1327-53-3	-	18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3	æ G	barium {		240	mg/kg	1.7	407.884	mg/kg	0.0408 %		
		231-784-4 7727-43-7									
4	æ			0.89	mg/kg	2.775	2.47	mg/kg	0.000247 %		
		004-003-00-8 215-133-1 1304-56-9	+							+	
5	æ <b>Ç</b>		4	1	mg/kg	3.22	3.22	mg/kg	0.000322 %		
	_	005-008-00-8	+							+	
6	æ <b>4</b>	048-002-00-0   215-146-2   1306-19-0	+	1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
7	4	chromium in chromium(III) compounds {		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
		215-160-9 1308-38-9									
8	æ <b>\$</b>	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
		024-001-00-0 215-607-8 1333-82-0									
9	æ	copper { dicopper oxide; copper (I) oxide }		13	mg/kg	1.126	14.637	mg/kg	0.00146 %		
		029-002-00-X 215-270-7 1317-39-1								-	
10	æ <b>\$</b>	iron { • iron (III) oxide } 215-168-2   1309-37-1		23000	mg/kg	1.43	32884.131	mg/kg	3.288 %		
11		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	22	mg/kg		22	mg/kg	0.0022 %		
	-	082-001-00-6								<u> </u>	
12	æ 🎉	manganese { manganese sulphate } 025-003-00-4   232-089-9   7785-87-7	$\frac{1}{2}$	120	mg/kg	2.749	329.828	mg/kg	0.033 %		
13	æ å	mercury { mercury dichloride } 080-010-00-X	_	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
-			+								
14	•	042-001-00-9   215-204-7   1313-27-5	+	1.1	mg/kg	1.5	1.65	mg/kg	0.000165 %		
15	-	nickel { nickel sulfate }		27	mg/kg	2.637	71.19	mg/kg	0.00712 %		
15	-			27	mg/kg	2.637	71.19	mg/kg	0.00712 %	_	





#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLF				,			MC	
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
17	4	vanadium { • diva				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
	_		215-239-8	1314-62-1	-							-	
18	4	030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		180	mg/kg	2.469	444.473	mg/kg	0.0444 %		
19	0	рН		PH		6.6	рН		6.6	рН	6.6 pH		
_		benzene										H	
20			200-753-7	71-43-2	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene		1	T	<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %	Г	<lod< td=""></lod<>
21		601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	1								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene			Г	0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7		0.00			0.00		0.000000 70		
25	0	phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		i	201-581-5	85-01-8	╄								
26	0	anthracene	204-371-1	120-12-7	-	0.07	mg/kg		0.07	mg/kg	0.000007 %		
27	0	fluoranthene	205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
28	0	pyrene	205-912-4	200-44-0		0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-927-3	129-00-0	1	0.10					0.0000.070		
29		chrysene 601-048-00-0	205-923-4	218-01-9	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
-			203-632-7	108-95-2	╀							H	
31		dibromomethane	boo 824.2	74.05.2	_	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$	_	602-003-00-8 bromodichlorometh	1	74-95-3	+							Н	
32				75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		chlorobenzene	204-704-0	124-48-1	$\vdash$				<u> </u>				
34			203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene 601-026-00-0	202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
26	0	tert-butylbenzene	1	1	T	-0.00F	ma/ka		-0.005	ma/ka	<0.000005 e/		41 OD
36		-	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	9	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.000005 %		<lod< td=""></lod<>
			203-209-7	104-51-8								L	
										Total:	3.429 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH07R

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

#### Sample details

Sample name: LoW Code: S3BH07R Chapter: Sample Depth: 0.8 m

Entry:

Moisture content:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

22%

(no correction)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 22% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide }	1309-64-4		2.3	mg/kg	1.197	2.753	mg/kg	0.000275 %		
2	4	arsenic { arsenic tr		1327-53-3		6.4	mg/kg	1.32	8.45	mg/kg	0.000845 %		
3	4	barium { • barium	sulfate }	7727-43-7		220	mg/kg	1.7	373.894	mg/kg	0.0374 %		
4	4	beryllium { berylliu 004-003-00-8		1304-56-9		0.8	mg/kg	2.775	2.22	mg/kg	0.000222 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.4	mg/kg	3.22	1.288	mg/kg	0.000129 %		
6	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
7	æ	chromium in chron		ls { • 1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		
8	4	chromium in chronoxide }	nium(VI) compound	ds { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	ď	024-001-00-0 copper { dicopper 029-002-00-X	215-607-8 oxide; copper (I) ox 215-270-7	(ide ) 1317-39-1		12	mg/kg	1.126	13.511	mg/kg	0.00135 %		
10	æ	iron { • iron (III) o		1309-37-1		24000	mg/kg	1.43	34313.876	mg/kg	3.431 %		
11	æ	lead { • lead company lead   l	pounds with the ex	ception of those	1	22	mg/kg		22	mg/kg	0.0022 %		
12	4	manganese { manganese   manganese	ganese sulphate }	7785-87-7		160	mg/kg	2.749	439.77	mg/kg	0.044 %		
13	4	mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { mol	1			0.78	mg/kg	1.5	1.17	mg/kg	0.000117 %		
15	4	nickel { nickel sulfa 028-009-00-5		7786-81-4		24	mg/kg	2.637	63.28	mg/kg	0.00633 %		





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8											
17	4	vanadium {				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
	_			1314-62-1									
18	_	030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		150	mg/kg	2.469	370.394	mg/kg	0.037 %		
19	0	pН		PH		7.6	рН		7.6	рН	7.6 pH		
00		benzene				0.005			0.005		0.0000005.0/	H	1.00
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene		,		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		601-021-00-3	203-625-9	108-88-3		70.003	mg/kg		<0.003	ilig/kg	<0.0000003 /8		\LOD
22	0	ethylbenzene				<0.005	mg/kg		< 0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4									
23			203-396-5 [2]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	ma/ka		<0.05	ma/ka	<0.000005 %		<lod< td=""></lod<>
24			201-695-5	86-73-7		V0.03	mg/kg		V0.05	mg/kg	<0.000003 /8		\LOD
25	0	phenanthrene	204 E84 E	05.04.0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8	$\vdash$							Н	
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		< 0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
_	0	fluoranthene	204 071 1	120 12 7									
27			205-912-4	206-44-0	1	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene	005 000 1			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
$\vdash$			205-923-4	218-01-9	+								
30		phenol	202 622 7	100 05 0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
$\vdash$			203-632-7	108-95-2	+							H	
31		dibromomethane 602-003-00-8	200-824-2	74-95-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$	0	bromodichlorometh		, , , , , ,								Н	
32	9			75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	8	dibromochlorometh		<u>I</u>		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			204-704-0	124-48-1		-5.000	9/119			9/119	3.00000078		
34		chlorobenzene	000 000 5	400 00 7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-628-5	108-90-7								Н	
35		styrene 601-026-00-0	202-851-5	100-42-5	$\left  \cdot \right $	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene		135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$			203-209-7	104-51-8						Total:	3.569 %	Н	
<u></u>										10(8):	3.309 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH07R[2]

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

### Sample details

Sample name:

S3BH07R[2]
Chapter:
Sample Depth:

1.2 m
Entry:
Moisture content:

19%

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

(no correction)

#### **Determinands**

Moisture content: 19% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimon 051-005-00-X	<mark>y trioxide</mark> } 215-175-0	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	4	arsenic { arsenic tri 033-003-00-0	oxide } 215-481-4	1327-53-3		7.7	mg/kg	1.32	10.167	mg/kg	0.00102 %		
3	4	barium { • barium	<mark>sulfate</mark> } 231-784-4	7727-43-7		290	mg/kg	1.7	492.86	mg/kg	0.0493 %		
4	4	beryllium { berylliun 004-003-00-8	<mark>n oxide</mark> } 215-133-1	1304-56-9		0.9	mg/kg	2.775	2.498	mg/kg	0.00025 %		
5	4	boron { <mark>diboron trio</mark> 005-008-00-8	<mark>xide; boric oxide</mark> } 215-125-8	1303-86-2		0.5	mg/kg	3.22	1.61	mg/kg	0.000161 %		
6	4	cadmium { cadmiun 048-002-00-0	<mark>n oxide</mark> } 215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
7	4	chromium in chrom chromium(III) oxide		ls { • 1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
8	æ\$	chromium in chrom oxide }		1		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper o				12	mg/kg	1.126	13.511	mg/kg	0.00135 %		
10	4	iron { • iron (III) ox	ide } 215-168-2	1309-37-1		29000	mg/kg	1.43	41462.6	mg/kg	4.146 %		
11	æ <b>\$</b>	lead { • lead comp			1	23	mg/kg		23	mg/kg	0.0023 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	anese sulphate }	7785-87-7		190	mg/kg	2.749	522.227	mg/kg	0.0522 %		
13	4	mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { moly		1		0.78	mg/kg	1.5	1.17	mg/kg	0.000117 %		
15	4	nickel { nickel sulfat		7786-81-4		26	mg/kg	2.637	68.554	mg/kg	0.00686 %		





		Determinand  U CLP index number EC Number CAS Number CA		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number	CLP			ractor			value	MC/	Osed
16	cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	034-002-00-8			+							-	
17	vanadium {	anadium pentaoxide	e; vanadium  1314-62-1		28	mg/kg	1.785	49.985	mg/kg	0.005 %		
			1314-02-1	+							+	
18	zinc { zinc sulphat 030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	_	160	mg/kg	2.469	395.087	mg/kg	0.0395 %		
19 •	рН	[2017000[2]	PH		7.6	рН		7.6	рН	7.6 pH		
	benzene		111	+								
20	601-020-00-8	200-753-7	71-43-2	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	toluene	200-133-1	11-43-2	+								
21	601-021-00-3	203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	ethylbenzene	200 020 0	100 00 0	+								
22	601-023-00-4	202-849-4	100-41-4	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
	xylene			+								
23	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	fluorene	ha	ho = 0 =		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		201-695-5	86-73-7	+							-	
25	phenanthrene	201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
26	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	pyrene	204-927-3	129-00-0		0.07	mg/kg		0.07	mg/kg	0.000007 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
	phenol			+								
30	604-001-00-2	203-632-7	108-95-2	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
	dibromomethane	1	1									
31	602-003-00-8	200-824-2	74-95-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
32	bromodichloromet	hane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	dibromochloromet	hane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35	styrene	202-851-5			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
-	601-026-00-0	KUZ-001-0	100-42-5	+								
36	tert-butylbenzene	202-632-4	98-06-6	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
27 0	sec-butylbenzene	1	1	1								
37		205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
									Total:	4.308 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH07R[3]

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

Entry:

Sample details

Sample name: LoW Code: S3BH07R[3] Chapter: Sample Depth:

2 m Moisture content:

19%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

Moisture content: 19% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide }	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tr	1	1327-53-3		8.3	mg/kg	1.32	10.959	mg/kg	0.0011 %		
3	4	barium { • barium		7727-43-7		220	mg/kg	1.7	373.894	mg/kg	0.0374 %		
4	æ	beryllium { berylliu 004-003-00-8	m oxide } 215-133-1	1304-56-9		0.68	mg/kg	2.775	1.887	mg/kg	0.000189 %		
5	4	boron { diboron tric	oxide; boric oxide }	1303-86-2		0.3	mg/kg	3.22	0.966	mg/kg	0.0000966 %		
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
7	4	chromium in chrom		ls { • 1308-38-9		14	mg/kg	1.462	20.462	mg/kg	0.00205 %		
8	4	chromium in chromoxide }	1	1		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
9	4	copper { dicopper o				8.6	mg/kg	1.126	9.683	mg/kg	0.000968 %		
10	4	iron { • iron (III) o	kide }  215-168-2	1309-37-1		24000	mg/kg	1.43	34313.876	mg/kg	3.431 %		
11	4	lead { lead compospecified elsewher 082-001-00-6			1	16	mg/kg		16	mg/kg	0.0016 %		
12	æ å	manganese { manganese   manganese	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		190	mg/kg	2.749	522.227	mg/kg	0.0522 %		
13	4	mercury { mercury		7487-94-7	_	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { mol		1		0.74	mg/kg	1.5	1.11	mg/kg	0.000111 %		
15	4	nickel { nickel sulfa		7786-81-4		20	mg/kg	2.637	52.734	mg/kg	0.00527 %		





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8			+							-	
17	<b>4</b>	vanadium {	•			22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
			215-239-8	1314-62-1	-							-	
18	_		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120	mg/kg	2.469	296.316	mg/kg	0.0296 %		
19	0	рН		PH		7.5	рН		7.5	рН	7.5 pH		
		benzene		J.		0.005			0.005		0.0000005.0/		
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene		*		<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3	L	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		\LUD
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	1	10.000					10.0000000 /0		1202
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7	1							_	
25	0	phenanthrene	D04 504 5	b5 04 0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8	+							-	
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		fluoranthene	204-371-1	120-12-7									
27			205-912-4	206-44-0	1	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol		,		<0.1	ma/ka		<0.1	ma/ka	<0.00001 %		<lod< td=""></lod<>
30	L	604-001-00-2	203-632-7	108-95-2		<b>CO. 1</b>	mg/kg		<b>CU. I</b>	mg/kg	C0.00001 76		\LUD
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ľ.		1	200-824-2	74-95-3	1	10.000	9/119		.5.000	9/1.9	3.00000070		
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	202 620 5	400 00 7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		1	203-628-5	108-90-7	+								
35		styrene 601-026-00-0	202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Н		l		1.3.0.0						Total:	3.567 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH07R[4]

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

Sample details

Sample name: LoW Code: Chapter:

Sample Depth: 3.3 m Entry:

Moisture content:

6.3%

(no correction)

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

# **Hazard properties**

None identified

### **Determinands**

Moisture content: 6.3% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide } 051-005-00-X		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>
2	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		6.8	mg/kg	1.32	8.978	mg/kg	0.000898 %		
3	4	barium {		120	mg/kg	1.7	203.942	mg/kg	0.0204 %		
4	ď			0.29	mg/kg	2.775	0.805	mg/kg	0.0000805 %		
5	ď	boron { diboron trioxide; boric oxide }     005-008-00-8   215-125-8   1303-86-2		0.4	mg/kg	3.22	1.288	mg/kg	0.000129 %		
6	4	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0		0.4	mg/kg	1.142	0.457	mg/kg	0.0000457 %		
7	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		7.6	mg/kg	1.462	11.108	mg/kg	0.00111 %		
8	ď	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	ď	024-001-00-0   215-607-8   1333-82-0   copper { dicopper oxide; copper (I) oxide }		5.7	mg/kg	1.126	6.418	mg/kg	0.000642 %		
10	4	iron { iron (III) oxide }		15000	mg/kg	1.43	21446.172	mg/kg	2.145 %		
11	4		1	16	mg/kg		16	mg/kg	0.0016 %		
12	ď			220	mg/kg	2.749	604.684	mg/kg	0.0605 %		
13	4	( " " " )		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	ď			0.52	mg/kg	1.5	0.78	mg/kg	0.000078 %		
15	4			9.7	mg/kg	2.637	25.576	mg/kg	0.00256 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Useu
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
	_	034-002-00-8			+							Н	
17	4	vanadium {	•			11	mg/kg	1.785	19.637	mg/kg	0.00196 %		
	_	zinc { zinc sulphate	215-239-8	1314-62-1	+							$\vdash$	
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]	-	100	mg/kg	2.469	246.93	mg/kg	0.0247 %		
19	0	рН				8.1	рН		8.1	рН	8.1 pH		
_		h		PH	+							Н	
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-849-4	100-41-4	+								
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7	╄								
25	0	phenanthrene	201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
26	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene		206-44-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
28	0	pyrene	205-912-4			0.13	mg/kg		0.13	mg/kg	0.000013 %		
29		chrysene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		601-048-00-0	205-923-4	218-01-9		<b>40.00</b>			<b>VO.00</b>		<b>40.000000</b> 70		LOD
30		phenol 604-001-00-2	203-632-7	108-95-2	_	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	bromodichlorometh	1	1 7-30-0	$\dagger$	0.005			0.005	"	0.000005534		1.05
32			200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.000005 %		<lod< td=""></lod<>
			202-632-4	98-06-6	+								
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		<u>I</u>	1	1						Total:	2.26 %		
												_	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





17: Construction and Demolition Wastes (including excavated soil

Classification of sample: S3BH08B

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

### Sample details

Sample name: LoW Code: **S3BH08B** Chapter: Sample Depth: 0.2 m

Entry:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05

03)

Moisture content:

21%

(no correction)

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 21% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide } 051-005-00-X		4.2 mg/kg	1.197	5.028 mg/kg	0.000503 %		
2	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	4	barium { • barium sulfate } 231-784-4 7727-43-7		240 mg/kg	1.7	407.884 mg/kg	0.0408 %		
4	4	beryllium { beryllium oxide }           004-003-00-8         215-133-1         1304-56-9		1.3 mg/kg	2.775	3.608 mg/kg	0.000361 %		
5	4	boron { diboron trioxide; boric oxide }           005-008-00-8         215-125-8         1303-86-2		2 mg/kg	3.22	6.44 mg/kg	0.000644 %		
6	4	cadmium { cadmium oxide }       048-002-00-0     215-146-2     1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
7	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		130 mg/kg	1.462	190.002 mg/kg	0.019 %		
8	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
10	4	iron { • iron (III) oxide } 215-168-2   1309-37-1		38000 mg/kg	1.43	54330.304 mg/kg	5.433 %		
11	4	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	96 mg/kg		96 mg/kg	0.0096 %		
12	4	082-001-00-6   manganese { manganese sulphate } 025-003-00-4   232-089-9   7785-87-7		820 mg/kg	2.749	2253.822 mg/kg	0.225 %		
13	<b>4</b>	mercury { mercury dichloride }  080-010-00-X		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9   215-204-7   1313-27-5		1.8 mg/kg	1.5	2.7 mg/kg	0.00027 %		
15	4	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		23 mg/kg	2.637	60.644 mg/kg	0.00606 %		



#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC/	Usea
16	*	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8		<u> </u>	+								
17	4	vanadium { divar pentoxide } 023-001-00-8			  -	35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
	_	zinc { zinc sulphate	215-239-8	1314-62-1	+								
18	•	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140	mg/kg	2.469	345.701	mg/kg	0.0346 %		
19	0	pH	201 730 0 [2]	PH		6.3	рН		6.3	рН	6.3 pH		
		benzene		РП	+								
20			200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene	L00-020-3	100-00-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
<u></u>		601-023-00-4	202-849-4	100-41-4	1	10.000	9/119		.5.000	9/119	.5.55555576		
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
ļ.,			201-695-5	86-73-7	1	10.00			10.00		10.000000 70		
25	0	phenanthrene	201-581-5	85-01-8		0.16	mg/kg		0.16	mg/kg	0.000016 %		
26	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene	205-912-4	206-44-0		0.31	mg/kg		0.31	mg/kg	0.000031 %		
28	0	pyrene	204-927-3	129-00-0		0.33	mg/kg		0.33	mg/kg	0.000033 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		0.22	mg/kg		0.22	mg/kg	0.000022 %		
30		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane	203-632-7	108-95-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ľ.			200-824-2	74-95-3	1	10.000	9/119		13.000	9/119	.5.55555570		
32	0	bromodichlorometh	ane 200-856-7	75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		602-033-00-1 styrene	203-628-5	108-90-7					<0.005				<lod< td=""></lod<>
35		601-026-00-0	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ĺ			203-209-7	104-51-8			J g						
										Total:	5.784 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

03)

Classification of sample: S3BH08B[2]

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

Sample details

Sample name: LoW Code: S3BH08B[2] Chapter:

Sample Depth:

1.4 m Entry: Moisture content:

13%

(no correction)

**Hazard properties** 

None identified

### **Determinands**

Moisture content: 13% No Moisture Correction applied (MC)

#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Useu
1	ď	antimony { antimor	ny trioxide }			2.4	mg/kg	1.197	2.873	mg/kg	0.000287 %		
Ŀ		051-005-00-X	215-175-0	1309-64-4				1.107	2.070		0.000201 70	Ш	
2	ď	•	rioxide }			8.9	mg/kg	1.32	11.751	mg/kg	0.00118 %		
	1	033-003-00-0	215-481-4	1327-53-3									
3	ď	barium { • barium	sulfate }			210	mg/kg	1.7	356.899	mg/kg	0.0357 %		
			231-784-4	7727-43-7	1		9/.19		000.000	99	0.000.70		
4	ď	beryllium { berylliu	<mark>m oxide</mark> }			0.94	mg/kg	2.775	2.609	mg/kg	0.000261 %		
-	`	004-003-00-8	215-133-1	1304-56-9	1	0.94	mg/kg	2.113	2.009	ilig/kg	0.000201 /8		
5	A	boron { diboron tric	oxide; boric oxide }			1.3	mg/kg	3.22	4.186	mg/kg	0.000419 %		
Ľ		005-008-00-8	215-125-8	1303-86-2		1.5	mg/kg	5.22	4.100	ilig/kg	0.000419 /8		
6	ď	cadmium { cadmiu	<mark>m oxide</mark> }			1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
Ľ		048-002-00-0	215-146-2	1306-19-0		'		1.172	1.142		0.000114 /0		
7	ď	chromium in chron		s {		25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
			215-160-9	1308-38-9									
8	ď	chromium in chron oxide }	nium(VI) compound	ls { chromium(VI)		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
		024-001-00-0	215-607-8	1333-82-0									
9	ď	•		•		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
		029-002-00-X	215-270-7	1317-39-1									
10	ď	iron { • iron (III) o	xide } 215-168-2	1309-37-1		32000	mg/kg	1.43	45751.835	mg/kg	4.575 %		
	+				+							$\vdash$	
11	ď	specified elsewher	pounds with the extended in this Annex (wo		1	64	mg/kg		64	mg/kg	0.0064 %		
		082-001-00-6											
12	ď	•				1100	mg/kg	2.749	3023.42	mg/kg	0.302 %		
		025-003-00-4	232-089-9	7785-87-7	-								
13	4					<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
	-	080-010-00-X	231-299-8	7487-94-7	-								
14	ď	molybdenum { mol				0.84	mg/kg	1.5	1.26	mg/kg	0.000126 %		
L	+	042-001-00-9	215-204-7	1313-27-5	$\perp$								
15	ď	nickel { <mark>nickel sulfa</mark>			1	28	mg/kg	2.637	73.827	mg/kg	0.00738 %		
		028-009-00-5	232-104-9	7786-81-4									





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			racioi			value	MC/	Useu
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
	_	034-002-00-8			+							Н	
17	4	vanadium {	·			70	mg/kg	1.785	124.963	mg/kg	0.0125 %		
	_		215-239-8	1314-62-1	+								
18	4		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
19	0	рН	[2017000[2]			7.2	рН		7.2	pН	7.2 pH		
_		h		PH	+							Н	
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		xylene	F-02 040 4	1100 71 7	H								
23		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene		00.70.7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
-			201-695-5	86-73-7	+								
25	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
<u> </u>		phenol		F	t								
30		604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	1	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	1			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ĺ		601-026-00-0	202-851-5	100-42-5	1					Jg			
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-209-7	104-51-8						Total:	4.975 %		
										iUldi.	+.313 70		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH09R

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

### Sample details

Sample name: LoW Code: S3BH09R Chapter: Sample Depth: 1 m

Entry:

Moisture content:

16%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

Moisture content: 16% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e#	antimony { antimor	ny trioxide }	1309-64-4		2.4	mg/kg	1.197	2.873	mg/kg	0.000287 %		
2	æ å			1327-53-3	+	12	mg/kg	1.32	15.844	mg/kg	0.00158 %		
3	ď	barium { • barium	sulfate }	7727-43-7		310	mg/kg	1.7	526.85	mg/kg	0.0527 %		
4	ď	beryllium { berylliu 004-003-00-8		1304-56-9		1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		1	mg/kg	3.22	3.22	mg/kg	0.000322 %		
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
7	4	chromium in chron		ls { • 1308-38-9		26	mg/kg	1.462	38	mg/kg	0.0038 %		
8	4	oxide }	nium(VI) compound	ds { chromium(VI)	Ţ	<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
9	ď	024-001-00-0 copper { dicopper 029-002-00-X	215-607-8 oxide; copper (I) ox 215-270-7	1333-82-0 ide } 1317-39-1		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
10	4	iron { • iron (III) o		1309-37-1		33000	mg/kg	1.43	47181.579	mg/kg	4.718 %		
11	<b>4</b>	lead { lead compospecified elsewher 082-001-00-6	pounds with the ex	ception of those	1	150	mg/kg		150	mg/kg	0.015 %		
12	æ		ganese sulphate }	7785-87-7	_	1300	mg/kg	2.749	3573.133	mg/kg	0.357 %		
13	4		1	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< th=""></lod<>
14	4			1		1.2	mg/kg	1.5	1.8	mg/kg	0.00018 %		
15	e#			7786-81-4		30	mg/kg	2.637	79.101	mg/kg	0.00791 %	T	





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
	_	034-002-00-8			$\vdash$								
17	4	vanadium {	•			35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
	_		215-239-8	1314-62-1	-								
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		170	mg/kg	2.469	419.78	mg/kg	0.042 %		
19	0	рН		PH		7	рН		7	рН	7pH		
		benzene		<u> </u>	1								
20			200-753-7	71-43-2	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3	L	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		\LUD
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-023-00-4	202-849-4	100-41-4	1	10.000					10.0000000 70		1202
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7		10.00					10.000000 70		1202
25	0	phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8	+								
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		fluoranthene	204-37 1-1	120-12-7	+					_			
27	9		205-912-4	206-44-0	-	0.09	mg/kg		0.09	mg/kg	0.000009 %		
28	0	pyrene	204-927-3	129-00-0		0.08	mg/kg		0.08	mg/kg	0.000008 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
20		phenol	l.	l.	T	0.4			0.4		0.00004.0/		100
30		·	203-632-7	108-95-2	1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane			Γ	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ľ.			200-824-2	74-95-3	1	15.555	9/119			9/1.9	3.00000070		
32	0	bromodichlorometh	ane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene			-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	9	sec-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	9	n-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-209-7	104-51-8	1		J g						
										Total:	5.209 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH11

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

### Sample details

Sample name: LoW Code: S3BH11 Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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   EU CLP index   EC Number   CAS Number	CLP Note	User entere	ed data mg/kg	Conv. Factor	Compound o		Classification value	MC Applied	Conc. Not Used
51-005-00-X   215-175-0   1309-64-4   barsenic { arsenic trioxide } 33-003-00-0   215-481-4   1327-53-3   barium {   barium sulfate }			mg/kg	1.197	<2.394	ma/les			
arsenic { arsenic trioxide } 33-003-00-0		21		l l		mg/kg	<0.000239 %		<lod< td=""></lod<>
33-003-00-0   215-481-4   1327-53-3   parium {   barium sulfate		21						Ш	<b></b>
parium {			mg/kg	1.32	27.727	mg/kg	0.00277 %		
231-784-4   7727-43-7   Peryllium { beryllium oxide }   04-003-00-8   215-133-1   1304-56-9								$\vdash$	
peryllium { beryllium oxide } 04-003-00-8  215-133-1  1304-56-9		13	mg/kg	1.7	22.094	mg/kg	0.00221 %		
04-003-00-8 215-133-1 1304-56-9	_							Ш	<b>——</b>
		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
	-							Ш	
oron { <mark>diboron trioxide; boric oxide</mark> } 05-008-00-8		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< td=""></lod<>
cadmium {	-							H	
48-002-00-0   215-146-2   1306-19-0	-	<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<lod< td=""></lod<>
chromium in chromium(III) compounds {		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
215-160-9 1308-38-9	_							Ш	-
oxide }		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
	-							$\sqcup$	
The state of the s		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		l
	-							$\vdash$	
ron {		20000	mg/kg	1.43	28594.897	mg/kg	2.859 %		
ead { • lead compounds with the exception of those pecified elsewhere in this Annex (worst case) }	1	22	mg/kg		22	mg/kg	0.0022 %		
82-001-00-6								Ш	
nanganese { manganese sulphate }		400	mg/kg	2.749	1099.426	mg/kg	0.11 %		
	+							$\vdash$	
nercury { mercury dichloride } 80-010-00-X   231-299-8   7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.0000677 %		<lod< td=""></lod<>
nolybdenum { <mark>molybdenum(VI)        oxide</mark> }		<0.5	ma/ka	1.5	<0.75	ma/ka	<0.000075 %		<lod< td=""></lod<>
	1	30.0	9/119		10.70				,
42-001-00-9 215-204-7 1313-27-5	-							Ш	
	24-001-00-0	24-001-00-0   215-607-8   1333-82-0	20.5	xide   xide	20.5 mg/kg   1.923   24-001-00-0   215-607-8   1333-82-0   20 mg/kg   1.126   29-002-00-X   215-270-7   1317-39-1   20 mg/kg   1.126   20 mg/kg   20000 mg/kg   1.43   215-168-2   1309-37-1   20000 mg/kg   1.43   22 mg/kg   22-001-00-6   20 mg/kg   22-001-00-6   20 mg/kg   22-001-00-6   22-001-00-6   22-001-00-6   22-001-00-6   22-001-00-6   232-001-00-4   232-001-00-4   232-001-00-4   232-001-00-4   232-001-00-4   232-001-00-4   232-001-00-4   232-001-00-4   231-299-8   7487-94-7   20.05 mg/kg   1.353   20.010-00-X   231-299-8   7487-94-7   20.5 mg/kg   1.55	20   20   20   20   20   20   20   20	20.5 mg/kg   1.923   <0.962 mg/kg   24-001-00-0   215-607-8   1333-82-0     20 mg/kg   1.126   22.518 mg/kg   29-002-00-X   215-270-7   1317-39-1   20000 mg/kg   1.126   22.518 mg/kg   215-168-2   1309-37-1   20000 mg/kg   1.43   28594.897 mg/kg   215-168-2   1309-37-1   22 mg/kg   22 mg/kg   22 mg/kg   22 mg/kg   25-003-00-6   232-089-9   7785-87-7   25-003-00-4   232-089-9   7785-87-7   20000 mg/kg   1.353   <0.0677 mg/kg   20000 mg/kg   1.353   <0.0677 mg/kg   20000 mg/kg   1.353   <0.0677 mg/kg   20000 mg/kg   2.749   20000 mg/kg   2.749   20000 mg/kg   2.749   22 mg/kg   22 mg/kg   22 mg/kg   230000 mg/kg   2.749   200000 mg/kg   2.749   2000000 mg/kg   2.749   200000 mg/kg   2.749   2000000 mg/kg   2.749   2000000 mg/	20   mg/kg   1.923   <0.962   mg/kg   <0.0000962 %	20   mg/kg   1.923   <0.962   mg/kg   <0.0000962 %





_	_	MACDONALD	_			,			_	1
#		Determinand  EU CLP index	CLP Note	User entere	d data	Conv. Factor	Compound conc.	Classification value	2 Applied	Conc. No
		number CAS Number	占						MC	
16	4	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		0.46	mg/kg	1.405	0.646 mg/l	g 0.0000646 %		
		034-002-00-8								
17	4	vanadium {		15	mg/kg	1.785	26.778 mg/k	g 0.00268 %		
		023-001-00-8 215-239-8 1314-62-1								
	•	zinc { zinc sulphate }		F-7		0.400	440.75	- 0.04.44.0/		
18		030-006-00-9   231-793-3 [1]   7446-19-7 [1]   231-793-3 [2]   7733-02-0 [2]		57	mg/kg	2.469	140.75 mg/l	g 0.0141 %	L	
19	0	TPH (C6 to C40) petroleum group		<10	mg/kg		<10 mg/k	g <0.001 %		<lod< td=""></lod<>
20		benzene		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
		601-020-00-8 200-753-7 71-43-2	-						-	
21		toluene 601-021-00-3   203-625-9   108-88-3		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
22		ethylbenzene		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
	-	601-023-00-4   202-849-4   100-41-4	-							
23	Θ	201-695-5   86-73-7		<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
	0	phenanthrene								
24	Ĭ	201-581-5 85-01-8	-	<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
٥٥	0	anthracene		0.4			0.4	- 0.00004.0/		1.00
25		204-371-1  120-12-7		<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene		<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
		205-912-4 206-44-0	1					9		
27	0	pyrene		<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
$\perp$	-	204-927-3   129-00-0								
28		chrysene           601-048-00-0         205-923-4         218-01-9		<0.1	mg/kg		<0.1 mg/k	g <0.00001 %		<lod< td=""></lod<>
29	l	phenol		<0.02	mg/kg		<0.02 mg/k	g <0.000002 %		<lod< td=""></lod<>
$\vdash$	_	604-001-00-2   203-632-7   108-95-2	-							
30		dibromomethane 602-003-00-8 200-824-2 74-95-3	-	<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
31	-	bromodichloromethane	$\dagger$	40.00E	ma/les		*O OOF **- **	a 10,000000E 0/		<lod< td=""></lod<>
31		200-856-7 75-27-4	1	<0.005	mg/kg		<0.005 mg/k	g <0.0000005 %		<lod< td=""></lod<>
32	0	dibromochloromethane		<0.01	mg/kg		<0.01 mg/k	g <0.000001 %		<lod< td=""></lod<>
		204-704-0   124-48-1		-5.01	9/119		10.01 Ilig/1	3 10.000001 70		,_05
33		chlorobenzene		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
	$\dashv$	602-033-00-1 203-628-5 108-90-7	-		J g		9/1			
34	l	styrene		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
$\vdash$		601-026-00-0   202-851-5   100-42-5	$\vdash$							
35	0	tert-butylbenzene	-	<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
<b>-</b>	0	sec-butylbenzene	$\vdash$							
36	9	205-227-0   135-98-8	-	<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
37	0	n-butylbenzene		<0.001	mg/kg		<0.001 mg/k	g <0.0000001 %		<lod< td=""></lod<>
		203-209-7   104-51-8								
							To	al: 3.005 %		



User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH11[2]

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

### Sample details

Sample name: LoW Code: S3BH11[2] Chapter: Sample Depth:

2.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide }	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< td=""></lod<>
2	ď			1327-53-3		2.8	mg/kg	1.32	3.697	mg/kg	0.00037 %		
3	ď	barium {	sulfate }	7727-43-7		26	mg/kg	1.7	44.187	mg/kg	0.00442 %		
4	4	beryllium { berylliu 004-003-00-8	m oxide } 215-133-1	1304-56-9		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
5	<b>4</b>	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< td=""></lod<>
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.11	mg/kg	1.142	0.126	mg/kg	0.0000126 %		
7	4	chromium in chrom		ls { • 1308-38-9		4.5	mg/kg	1.462	6.577	mg/kg	0.000658 %		
8	ď	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	ď	copper { dicopper (				3.8	mg/kg	1.126	4.278	mg/kg	0.000428 %		
10	ď	iron { • iron (III) o	xide } 215-168-2	1309-37-1		4800	mg/kg	1.43	6862.775	mg/kg	0.686 %		
11	4	lead { lead compose specified elsewher 082-001-00-6			1	3.4	mg/kg		3.4	mg/kg	0.00034 %		
12	4	manganese { manganese }	ganese sulphate }	7785-87-7	+	57	mg/kg	2.749	156.668	mg/kg	0.0157 %		
13	ď	,		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	ď					<0.5	mg/kg	1.5	<0.75	mg/kg	<0.000075 %		<lod< td=""></lod<>
15	ď	nickel { nickel sulfa 028-009-00-5	ite } 232-104-9	7786-81-4		4.6	mg/kg	2.637	12.129	mg/kg	0.00121 %		





#		Determinand	CLP Note	User entere	d data	Conv.	Compound conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number EC Number CAS Number	CLP			Factor		value	MC /	Used
16	æ	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		<0.25	mg/kg	1.405	<0.351 mg/	g <0.0000351 %		<lod< td=""></lod<>
		034-002-00-8	_							
17	æ <u></u>	vanadium {		5.9	mg/kg	1.785	10.533 mg/	g 0.00105 %		
	_	023-001-00-8 215-239-8 1314-62-1	$\perp$						+	
18	_	zinc { zinc sulphate }		15	mg/kg	2.469	37.039 mg/	g 0.0037 %		
		030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]		10		2.400	37.003 mg/	9 0.0007 70	L	
19	9	TPH (C6 to C40) petroleum group		<10	mg/kg		<10 mg/	g <0.001 %		<lod< td=""></lod<>
20		<b>benzene</b> 601-020-00-8   200-753-7   71-43-2	-	<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
21		toluene	İ	-0.004			-0.004 ma/	~ .0.0000001.0/		.1.00
21		601-021-00-3 203-625-9 108-88-3	1	<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4 202-849-4 100-41-4		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
23	9	fluorene 201-695-5 86-73-7		<0.1	mg/kg		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
		phenanthrene	╁							
24		201-581-5 85-01-8	-	<0.1	mg/kg		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
25	0	anthracene 204-371-1 120-12-7		<0.1	mg/kg		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene		<0.1	mg/kg		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
27	0	205-912-4 206-44-0 pyrene		<0.1	ma/ka		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
		204-927-3   129-00-0		<0.1	mg/kg		<0.1 mg/	9 <0.00001 /8		\LOD
28		chrysene		<0.1	mg/kg		<0.1 mg/	g <0.00001 %		<lod< td=""></lod<>
		601-048-00-0 205-923-4 218-01-9								
29		<b>phenol</b> 604-001-00-2 203-632-7 108-95-2		<0.02	mg/kg		<0.02 mg/	g <0.000002 %		<lod< td=""></lod<>
30	9	bromochloromethane 200-826-3 74-97-5	-	<0.005	mg/kg		<0.005 mg/	g <0.0000005 %		<lod< td=""></lod<>
31		dibromomethane 602-003-00-8   200-824-2   74-95-3		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
32	0	bromodichloromethane		<0.005	mg/kg		<0.005 mg/	g <0.0000005 %		<lod< td=""></lod<>
33	0	200-856-7 75-27-4 dibromochloromethane	+	<0.01	mg/kg		<0.01 mg/			<lod< td=""></lod<>
		204-704-0   124-48-1	1	.5.01	9/119		10.01	3 10.00001 70		
34		<b>chlorobenzene</b> 602-033-00-1		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
35		styrene		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
	_	601-026-00-0 202-851-5 100-42-5 tert-butylbenzene	+							
36	9	202-632-4 98-06-6		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene   205-227-0   135-98-8	-	<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene		<0.001	mg/kg		<0.001 mg/	g <0.0000001 %		<lod< td=""></lod<>
		203-209-7  104-51-8					To	al: 0.716 %		
							10	u., 0.7 10 /0		

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 Selow limit of detection





Classification of sample: S3BH14R

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

03)

### Sample details

Sample name: LoW Code: S3BH14R Chapter: Sample Depth: 0.2 m

Entry:

Moisture content:

16%

(no correction)

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

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 16% No Moisture Correction applied (MC)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	<b>4</b>	number antimony { antimor				2.1	mg/kg	1.197	2.514	mg/kg	0.000251 %		
2	4	051-005-00-X arsenic { arsenic tr	-	1309-64-4		7.4	mg/kg	1.32	9.77	mg/kg	0.000977 %		
	æ	033-003-00-0	215-481-4	1327-53-3	+							+	
3	•	barium { • barium	sultate } 231-784-4	7727-43-7	-	110	mg/kg	1.7	186.947	mg/kg	0.0187 %		
4	æ å	beryllium { berylliu	<mark>m oxide</mark> }			0.81	mg/kg	2.775	2.248	mg/kg	0.000225 %		
			215-133-1	1304-56-9	-							<u> </u>	
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2	-	1.3	mg/kg	3.22	4.186	mg/kg	0.000419 %		
6	4	cadmium { cadmiu	<mark>m oxide</mark> }			0.5	mg/kg	1.142	0.571	mg/kg	0.0000571 %		
_	+	048-002-00-0	215-146-2	1306-19-0	+							+	
7	4	chromium in chrom chromium(III) oxide	, , ,	s {		20	mg/kg	1.462	29.231	mg/kg	0.00292 %		
			215-160-9	1308-38-9								$\perp$	
8	4	chromium in chron oxide }	nium(VI) compound	ls { <mark>chromium(VI)</mark>		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
			215-607-8	1333-82-0									
9	4	copper { dicopper o				21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
		029-002-00-X	215-270-7	1317-39-1								-	
10	4	iron ( iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1	-	23000	mg/kg	1.43	32884.131	mg/kg	3.288 %		
11	æ\$	lead { • lead compared	pounds with the ex	ception of those	1	40	mg/kg		40	mg/kg	0.004 %		
		082-001-00-6			1								
12	4	manganese { man				920	mg/kg	2.749	2528.679	mg/kg	0.253 %		
		025-003-00-4	232-089-9	7785-87-7	-							$\vdash$	
13	4	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7	-	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14		molybdenum { mol		}	T	0.04	m = // = -	1.5	1 205	mn ar/l+=	0.000427.0/		
14	_	042-001-00-9	215-204-7	1313-27-5	1	0.91	mg/kg	1.5	1.365	mg/kg	0.000137 %		
15	~	nickel { nickel sulfa		7706 04 4		21	mg/kg	2.637	55.37	mg/kg	0.00554 %		
		028-009-00-5	232-104-9	7786-81-4									





16 se ca ca el:	EU CLP index number elenium { selenium admium sulphosel lsewhere in this Ar 34-002-00-8	EC Number  compounds with enide and those so	CAS Number	CLP Note								Llood
16 ca el:	admium sulphosel Isewhere in this Ar						Factor			value	MC Applied	Used
					<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
■ Va				+							Н	
17 pe	entoxide }	nadium pentaoxide			24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
			1314-62-1	-								
		231-793-3 [1]	7446-19-7 [1] 7733-02-0 [2]		87	mg/kg	2.469	214.829	mg/kg	0.0215 %		
19 PH			PH		7.1	рН		7.1	рН	7.1 pH		
be	enzene			+							Н	
20		200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21 to	oluene				-0.005			-0.005		<0.0000005 %	H	<lod< td=""></lod<>
60	01-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
22 et	thylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
60		202-849-4	100-41-4	1	10.000					10.0000000 /0	Ш	
		203-396-5 [2] 203-576-3 [3]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24 e flu	uorene				<0.05	ma/ka		<0.05	ma/ka	<0.000005 %		<lod< td=""></lod<>
24		201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lud< td=""></lud<>
25 ph	henanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
	ŀ	201-581-5	85-01-8		0.00			0.00		0.000000 70		
26 ar	nthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		204-371-1	120-12-7	-							Н	
27	uoranthene	205-912-4	206-44-0	-	0.16	mg/kg		0.16	mg/kg	0.000016 %		
a DV	yrene	205-912-4	200-44-0	1							Н	
28	=	204-927-3	129-00-0	-	0.14	mg/kg		0.14	mg/kg	0.000014 %		
29 ch	hrysene				0.00	malka		0.09	ma/ka	0.000009 %	П	
60	01-048-00-0	205-923-4	218-01-9		0.09	mg/kg		0.09	mg/kg	0.000009 %		
30 ph	henol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
60		203-632-7	108-95-2	1		.59			9.18		Ц	
131	ibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$			74-95-3	$\vdash$							Н	
32 OF	romodichlorometh		75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
aa a dii	libromochlorometh		13-21-4	$\vdash$							Н	
33			124-48-1	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24 ch	hlorobenzene	-	<u> </u>		40 00E	mc/les		-0.00E	ma/les	40 000000E 0/	П	1 00
34 60	02-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
135	tyrene 01-026-00-0	202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
- te	ert-butylbenzene				2	,			,	0.000000	Н	1.55
36		202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37 ° S€	ec-butylbenzene			Ī	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %	П	<lod< td=""></lod<>
3'		205-227-0	135-98-8		\0.003	mg/kg		<b>\0.003</b>	mg/kg	C0.0000000 76		\LUD
38 a n-	-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
									Total:	3.603 %	$\prod$	





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH14R[2]

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

Sample details

Sample name: LoW Code: S3BH14R[2] Chapter: Sample Depth: 0.5 m

Entry:

Moisture content:

8.2%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

Moisture content: 8.2% No Moisture Correction applied (MC)

#		EU CLP index	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ å	antimony { antimor	ny trioxide } 215-175-0	1309-64-4		2.7	mg/kg	1.197	3.232	mg/kg	0.000323 %		
2	æ	arsenic { arsenic tr		1327-53-3		8.4	mg/kg	1.32	11.091	mg/kg	0.00111 %		
3	4	barium {		7727-43-7		99	mg/kg	1.7	168.252	mg/kg	0.0168 %		
4	4	beryllium { berylliu 004-003-00-8		1304-56-9		0.57	mg/kg	2.775	1.582	mg/kg	0.000158 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.7	mg/kg	3.22	2.254	mg/kg	0.000225 %		
6	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> }  215-146-2	1306-19-0		0.5	mg/kg	1.142	0.571	mg/kg	0.0000571 %		
7	4	chromium(III) oxide	nium(III) compound e (worst case) 215-160-9	s {		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
8	4	chromium in chromoxide }		L		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
9	æ	copper { dicopper o				10	mg/kg	1.126	11.259	mg/kg	0.00113 %		
10	4	iron { • iron (III) o	kide }	1309-37-1		24000	mg/kg	1.43	34313.876	mg/kg	3.431 %		
11	4	lead { lead compospecified elsewher 082-001-00-6			1	47	mg/kg		47	mg/kg	0.0047 %		
12		manganese { mang	ganese sulphate }	7785-87-7		860	mg/kg	2.749	2363.765	mg/kg	0.236 %		
13		mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< th=""></lod<>
14	4	molybdenum { mol	1	1	1	0.96	mg/kg	1.5	1.44	mg/kg	0.000144 %		
15	4	nickel { nickel sulfa 028-009-00-5	te }	7786-81-4		14	mg/kg	2.637	36.914	mg/kg	0.00369 %		





#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC/	Usea
16	*	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8			+								
17	4	vanadium {				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
	_		215-239-8	1314-62-1	+								
18	•		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62	mg/kg	2.469	153.096	mg/kg	0.0153 %		
19	0	pH	201 730 0 [2]	PH		7.5	рН		7.5	рН	7.5 pH		
		benzene		РП	+								
20			200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene	J.			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
_		601-023-00-4	202-849-4	100-41-4	1								
23		<b>xylene</b> 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7	-								
25	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
26	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol	1	,	T	<0.1	mg/kg		<0.1	mg/kg	<0.0001 %		<lod< td=""></lod<>
L		604-001-00-2	203-632-7	108-95-2	1		9'9						
31		dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
32	0	bromodichlorometh	nane			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	200-856-7 nane	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		chlorobenzene	204-704-0	124-48-1	-	<b>VO.003</b>			<b>VO.000</b>		3.0000000 /8		\LUD
34			203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene 601-026-00-0	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
_			203-209-7	104-51-8	$\perp$								
$ldsymbol{le}}}}}}}}$										Total:	3.717 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

Classification of sample: S3BH14R[3]

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

03)

Sample details

Sample name: LoW Code: S3BH14R[3] Chapter:

Sample Depth:

1 m Entry:

Moisture content:

5%

(no correction)

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 5% No Moisture Correction applied (MC)

#		Determin		CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number	libei	CAS Number	占							ĭ	
1	~	antimony { antimony trioxide } 051-005-00-X 215-175-0		1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	4	arsenic { arsenic trioxide } 033-003-00-0 215-481-4		1327-53-3		7.1	mg/kg	1.32	9.374	mg/kg	0.000937 %		
3	4	barium { barium sulfate }		7727-43-7		53	mg/kg	1.7	90.074	mg/kg	0.00901 %		
4	4	beryllium { beryllium oxide } 004-003-00-8		1304-56-9		0.41	mg/kg	2.775	1.138	mg/kg	0.000114 %		
5	4	boron { diboron trioxide; boric 005-008-00-8 215-125-8	oxide }	1303-86-2		0.3	mg/kg	3.22	0.966	mg/kg	0.0000966 %		
6	4	cadmium { cadmium oxide } 048-002-00-0 215-146-2		1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
7	4	chromium in chromium(III) cor chromium(III) oxide (worst cas				9.1	mg/kg	1.462	13.3	mg/kg	0.00133 %		
8	æ	215-160-9 chromium in chromium(VI) coroxide }	mpound			<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	4	024-001-00-0 215-607-8 copper { dicopper oxide; copp 029-002-00-X 215-270-7	er (I) ox	1333-82-0 tide } 1317-39-1		7.1	mg/kg	1.126	7.994	mg/kg	0.000799 %		
10	æ	iron { iron (III) oxide }		1309-37-1		21000	mg/kg	1.43	30024.641	mg/kg	3.002 %		
11	4	lead { • lead compounds with specified elsewhere in this An		ception of those	1	23	mg/kg		23	mg/kg	0.0023 %		
12	4	082-001-00-6 manganese { manganese sulp 025-003-00-4 232-089-9	hate }	7785-87-7		410	mg/kg	2.749	1126.911	mg/kg	0.113 %		
13	4	mercury { mercury dichloride } 080-010-00-X 231-299-8	•	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum(V 042-001-00-9 215-204-7	I) oxide			0.72	mg/kg	1.5	1.08	mg/kg	0.000108 %		
15	4	nickel { nickel sulfate } 028-009-00-5		7786-81-4		13	mg/kg	2.637	34.277	mg/kg	0.00343 %		





#			Determinand		Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i acioi	_		value	MC,	Oseu
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	æ\$	vanadium { • divalue   divalue				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
18	æ å	zinc { <mark>zinc sulphate</mark> 030-006-00-9	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		39	mg/kg	2.469	96.303	mg/kg	0.00963 %		
19	0	рН		PH		7.3	рН		7.3	рН	7.3 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene	203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
23		xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
24	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
30		phenol 604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane	200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
32	0	bromodichlorometh	1	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	1	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene	202-851-5	100-42-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
				1						Total:	3.146 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH15

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

### Sample details

Sample name: LoW Code: S3BH15 Chapter: Sample Depth: 0.5 m

Entry:

Moisture content:

3.2%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 3.2% No Moisture Correction applied (MC)

					Т							T-5	
#			Determinand		Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP							MC	
1	4	antimony { antimor	ny trioxide }			<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>
		051-005-00-X	215-175-0	1309-64-4									
2	æ\$	arsenic { arsenic tr	ioxide }			8.6	mg/kg	1.32	11.355	mg/kg	0.00114 %		
		033-003-00-0	215-481-4	1327-53-3				-				$\perp$	
3	ď,	barium { • barium	sulfate }			110	mg/kg	1.7	186.947	mg/kg	0.0187 %		
ľ			231-784-4	7727-43-7	1	110	mg/ng	'''	100.017	mg/ng	0.0107 70		
4	æ	beryllium { berylliu	m oxide }		İ	0.33	mg/kg	2.775	0.916	ma/ka	0.0000916 %		
4	_	004-003-00-8	215-133-1	1304-56-9		0.33	mg/kg	2.773	0.916	mg/kg	0.0000910 %		
5	ď	boron { diboron tric	oxide; boric oxide )	+		0.3	mg/kg	3.22	0.966	mg/kg	0.0000966 %		
٥	Ĭ	005-008-00-8	215-125-8	1303-86-2		0.5	mg/kg	5.22	0.900	mg/kg	0.0000900 78		
6	ď	cadmium { cadmiu	m oxide }			0.4	mg/kg	1.142	0.457	mg/kg	0.0000457 %		
Ľ		048-002-00-0	215-146-2	1306-19-0		0.1		2	0.107		0.0000101 70		
7	4	chromium in chrom		ds {		8	mg/kg	1.462	11.692	mg/kg	0.00117 %		
			215-160-9	1308-38-9									
8	4	chromium in chromoxide }	nium(VI) compound	ds { <mark>chromium(VI)</mark>		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
		024-001-00-0	215-607-8	1333-82-0									
9	æ\$	copper { dicopper o		xide }		11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
		029-002-00-X	215-270-7	1317-39-1								<u> </u>	
10	æ\$	iron ( iron (III) ox		4000 07 4		24000	mg/kg	1.43	34313.876	mg/kg	3.431 %		
	-		215-168-2	1309-37-1								+-	-
11	≪4	lead {			1	16	mg/kg		16	mg/kg	0.0016 %		
		082-001-00-6										$\perp$	
12	æ	manganese { mang				900	mg/kg	2.749	2473.707	mg/kg	0.247 %		
		025-003-00-4	232-089-9	7785-87-7								$\vdash$	
13	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7	-	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
	æ <u>&amp;</u>	molybdenum { mol			+							1	
14	**	042-001-00-9	215-204-7	1313-27-5	+	1	mg/kg	1.5	1.5	mg/kg	0.00015 %		
15	æ C	nickel { nickel sulfa		1.2.02.0	T	11	mg/kg	2.637	29.004	mg/kg	0.0029 %	T	
		028-009-00-5	232-104-9	7786-81-4			mg/kg	2.007	25.004	mg/ng	0.0020 /0	$\perp$	





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
-		034-002-00-8			$\vdash$								
17	4	vanadium {	•			15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
	_		215-239-8	1314-62-1	-							-	
18	4	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		35	mg/kg	2.469	86.425	mg/kg	0.00864 %		
19	0	pН		PH		8.3	рН		8.3	рН	8.3 pH		
		benzene		J.		0.005	//		0.005		0.0000005.0/		
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene		*		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		601-021-00-3	203-625-9	108-88-3		<0.003	ilig/kg		V0.003	ilig/kg	<0.0000003 /8		\LOD
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
<u> </u>			202-849-4	100-41-4	1		J g			J g			
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7		10.00					10.000000 70		
25	0	phenanthrene		I		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8	-							-	
26	0	anthracene	204-371-1	120-12-7	4	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		fluoranthene	204-371-1	120-12-7	+								
27			205-912-4	206-44-0	+	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		phenol		F.0 0. 0	+								
30		·	203-632-7	108-95-2	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24		dibromomethane			T	<0.005	malle		-0.005	malle	<0.000000E 0/		<lod< td=""></lod<>
31		602-003-00-8	200-824-2	74-95-3		<0.003	mg/kg		<0.005	mg/kg 	<0.0000005 %		\LUD
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35		styrene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
_		1	202-851-5	100-42-5									
36	Θ	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	9	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		1								Total:	3.718 %		





User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





Classification of sample: S3BH15[2]

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

### Sample details

Sample name: LoW Code: S3BH15[2] Chapter: Sample Depth:

6.9 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)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)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	number antimony { antimor	ny trioxide }			6.3	mg/kg	1.197	7.542	mg/kg	0.000754 %	_	
Ŀ		051-005-00-X	215-175-0	1309-64-4		0.0	99		7.0.2		0.00070170		
2	-	arsenic { arsenic tr				150	mg/kg	1.32	198.049	mg/kg	0.0198 %		
-		033-003-00-0	215-481-4	1327-53-3	+							+	
3	4	barium { • barium	sulfate }			340	mg/kg	1.7	577.836	mg/kg	0.0578 %		
			231-784-4	7727-43-7									
4	æ.	beryllium { berylliu	m oxide }			3.7	mg/kg	2.775	10.269	mg/kg	0.00103 %		
Ľ		004-003-00-8	215-133-1	1304-56-9		0.7	g/kg	2.110	10.200		0.00100 70		
5	æ.	boron { diboron tric	oxide; boric oxide }			13	mg/kg	3.22	41.858	mg/kg	0.00419 %		
Ľ		005-008-00-8	215-125-8	1303-86-2		10	g/kg	O.LL	11.000		0.00110 70		
6	4	cadmium { cadmiu	m oxide }			0.37	mg/kg	1.142	0.423	mg/kg	0.0000423 %		
Ľ		048-002-00-0	215-146-2	1306-19-0		0.01	99		020		0.0000 .20 /0		
7	4	chromium in chrom		s {		71	mg/kg	1.462	103.77	mg/kg	0.0104 %		
			215-160-9	1308-38-9									
8	æ.	chromium in chromoxide }	nium(VI) compound	ls { chromium(VI)		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
"			215-607-8	1333-82-0	-	<0.5	ilig/kg	1.323	<0.902	ilig/kg	<0.0000902 //		\LOD
	-	copper { dicopper o	oxide; copper (I) ox	ide }		00		4 400	440.007	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.044.0/		
9	-		215-270-7	1317-39-1		98	mg/kg	1.126	110.337	mg/kg	0.011 %		
10	*	iron { • iron (III) ox	xide }			23000	mg/kg	1.43	32884.131	mg/kg	3.288 %		
'			215-168-2	1309-37-1	1	20000	mg/kg	1.40	02004.101	mg/kg	3.200 /0		
11	4	lead {			1	59	mg/kg		59	mg/kg	0.0059 %		
		082-001-00-6											
12	4	manganese { mang				340	mg/kg	2.749	934.512	mg/kg	0.0935 %		
		025-003-00-4	232-089-9	7785-87-7								ļ	
13	~	mercury { mercury 080-010-00-X		7407 04 7		0.23	mg/kg	1.353	0.311	mg/kg	0.0000311 %		
		molybdenum { mol	231-299-8 vbdenum(VI) oxide	7487-94-7	+							+	
14	~	, ,	215-204-7	1313-27-5	-	9.6	mg/kg	1.5	14.402	mg/kg	0.00144 %		
15	_	nickel { nickel sulfa	te }	7786-81-4		62	mg/kg	2.637	163.474	mg/kg	0.0163 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
16	æ	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			4.7	mg/kg	1.405	6.604	mg/kg	0.00066 %		
Щ		034-002-00-8											
17	≪\$	vanadium {	·			140	mg/kg	1.785	249.926	mg/kg	0.025 %		
	_		215-239-8	1314-62-1									
18	_	zinc { zinc sulphate				69	mg/kg	2.469	170.381	mg/kg	0.017 %		
-10			231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]			mg/kg	2.403	170.301	ilig/kg	0.017 /0		
19	0	TPH (C6 to C40) po	etroleum group	TPH	-	<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
		benzene		J.		0.004			0.004		0.0000001.0/		
20		601-020-00-8	200-753-7	71-43-2	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
		601-021-00-3	203-625-9	108-88-3		<b>~0.001</b>	mg/kg		V0.001	ilig/kg	<0.0000001 78		LOD
22	0	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			202-849-4	100-41-4									
23	0	fluorene	201-695-5	86-73-7	-	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene				-0.1	ma/ka		<0.1	ma/ka	-0.00001.9/		<lod< td=""></lod<>
24			201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lud< td=""></lud<>
25	0	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene	005.040.4	000 44 0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
$\vdash$		pyrene	205-912-4	206-44-0	+							Н	
27	0		204-927-3	129-00-0	$\frac{1}{2}$	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
28		chrysene	005 000 4	h40 04 0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		601-048-00-0 phenol	205-923-4	218-01-9					<u> </u>		<u> </u>		
29		•	203-632-7	108-95-2	-	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha	ne			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			200-826-3	74-97-5	1	.5.000	9/119		.5.000	9,119	3.00000070		
31		dibromomethane 602-003-00-8	200-824-2	74-95-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32		bromodichlorometh		I 4-80-0	+	40 00E	me/les		40.00E	ma/ka	-0.00000E 0/		100
32	L		200-856-7	75-27-4	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
Ĥ			204-704-0	124-48-1	1							Н	
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7	4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
$\vdash$		styrene	203-628-5	100-30-7	+								
35		•	202-851-5	100-42-5	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene				<0.001	ma/ka		<0.001	ma/ka	<0.0000001 %		<lod< td=""></lod<>
36			202-632-4	98-06-6		<0.001	mg/kg		CU.UU1	mg/kg	<0.0000001 %		\LUD
37	0	sec-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
$\vdash \vdash$			205-227-0	135-98-8	+								
38	0	n-butylbenzene	203-209-7	104-51-8	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
$\Box$				1						Total:	3.554 %		

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 Selow limit of detection





Classification of sample: S3TP06

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

03)

### Sample details

Sample name: LoW Code: S3TP06 Chapter: Sample Depth:

0.2 m Entry:

Moisture content:

21%

(no correction)

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

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 21% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	AS Number	CLP Note	User entered	data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number EC Number Ca	AS Number	占							×	
1	-		9-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	4	arsenic { arsenic trioxide }	7-53-3		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
3	4	barram Saliate	7-43-7		340	mg/kg	1.7	577.836	mg/kg	0.0578 %		
4	4	beryllium { beryllium oxide }	l-56-9		1.6	mg/kg	2.775	4.441	mg/kg	0.000444 %		
5	4		3-86-2		1.2	mg/kg	3.22	3.864	mg/kg	0.000386 %		
6	4		6-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
7	<b>4</b>	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }			35	mg/kg	1.462	51.154	mg/kg	0.00512 %		
8	æ	chromium in chromium(VI) compounds { cloxide }	3-38-9 nromium(VI) 3-82-0		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	æ\$	copper { dicopper oxide; copper (I) oxide }	7-39-1		37	mg/kg	1.126	41.658	mg/kg	0.00417 %		
10	æ	iron { • iron (III) oxide }	9-37-1		42000	mg/kg	1.43	60049.283	mg/kg	6.005 %		
11	4	specified elsewhere in this Annex (worst ca		1	170	mg/kg		170	mg/kg	0.017 %		
12	4	082-001-00-6 manganese { manganese sulphate } 025-003-00-4 232-089-9 7785	5-87-7		1100	mg/kg	2.749	3023.42	mg/kg	0.302 %		
13	4	mercury { mercury dichloride }	7-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14		molybdenum { molybdenum(VI) oxide } 042-001-00-9	3-27-5		1.7	mg/kg	1.5	2.55	mg/kg	0.000255 %		
15		nickel { nickel sulfate } 028-009-00-5	6-81-4		34	mg/kg	2.637	89.647	mg/kg	0.00896 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>		m compounds with elenide and those s Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	<b>4</b>		nadium pentaoxide	e; vanadium		47	mg/kg	1.785	83.904	mg/kg	0.00839 %		
18	4	zinc { zinc sulphate 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		200	mg/kg	2.469	493.859	mg/kg	0.0494 %		
19	0	рН		PH		7.5	рН		7.5	рН	7.5 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
27	0	pyrene	204-927-3	129-00-0		0.07	mg/kg		0.07	mg/kg	0.000007 %		
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	6.462 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

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Classification of sample: S3TP07

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

### Sample details

Sample name: LoW Code:

\$3TP07 Chapter:

Sample Depth:

1 m Entry:

from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05

17: Construction and Demolition Wastes (including excavated soil

03)

Moisture content:

13%

(no correction)

## **Hazard properties**

None identified

### **Determinands**

Moisture content: 13% No Moisture Correction applied (MC)

#			Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony tr	ioxide }	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	ď	arsenic { arsenic trioxid		1327-53-3		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
3	ď	banam ( banam san	fate } -784-4	7727-43-7		350	mg/kg	1.7	594.831	mg/kg	0.0595 %		
4	ď		<mark>xide</mark> } 5-133-1	1304-56-9		1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %		
5	ď	boron { diboron trioxide 005-008-00-8 215	e; boric oxide } 5-125-8	1303-86-2		1.1	mg/kg	3.22	3.542	mg/kg	0.000354 %		
6	*		xide } 5-146-2	1306-19-0		1.4	mg/kg	1.142	1.599	mg/kg	0.00016 %		
7	ď	chromium(III) oxide (w		s {		34	mg/kg	1.462	49.693	mg/kg	0.00497 %		
8	ď	chromium in chromium oxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	ď	copper { dicopper oxid				24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
10	ď	iron { • iron (III) oxide	} 5-168-2	1309-37-1		47000	mg/kg	1.43	67198.007	mg/kg	6.72 %		
11	ď	lead { lead compour specified elsewhere in 082-001-00-6			1	120	mg/kg		120	mg/kg	0.012 %		
12	ď	manganese { mangane	ese sulphate }	7785-87-7		1400	mg/kg	2.749	3847.989	mg/kg	0.385 %		
13	ď	mercury { mercury dich		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum }		} 1313-27-5		1.5	mg/kg	1.5	2.25	mg/kg	0.000225 %		
15	ď	nickel { nickel sulfate } 028-009-00-5 232	2-104-9	7786-81-4		34	mg/kg	2.637	89.647	mg/kg	0.00896 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	pentoxide }	nadium pentaoxido	e; vanadium  1314-62-1		49	mg/kg	1.785	87.474	mg/kg	0.00875 %		
18	4		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		220	mg/kg	2.469	543.245	mg/kg	0.0543 %		
19	0	pH		PH		7.3	рН		7.3	рН	7.3 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene 204-371-1   120-12-7			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>	
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	7.259 %		

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





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

Classification of sample: S3TP08

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

03)

from contaminated sites)

## Sample details

Sample name: LoW Code: **S3TP08** Chapter: Sample Depth:

0.5 m Entry:

Moisture content:

17%

(no correction)

None identified

**Hazard properties** 

## **Determinands**

Moisture content: 17% No Moisture Correction applied (MC)

#		Determinand  EU CLP index		User entered data	Con Fact		Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide }		<1 mg/kç	1.19	7 <1.197 mg/kg	<0.00012 %		<lod< th=""></lod<>
2	æ\$	arsenic { arsenic trioxide } 033-003-00-0		12 mg/kg	1.3	2 15.844 mg/kg	0.00158 %		
3	4	barium { • barium sulfate }		230 mg/kg	1.7	390.889 mg/kg	0.0391 %		
4	4	beryllium { beryllium oxide } 004-003-00-8		1.1 mg/kg	2.77	75 3.053 mg/kg	0.000305 %		
5	4	boron { diboron trioxide; boric oxide } 005-008-00-8		0.3 mg/kg	3.2	2 0.966 mg/kg	0.0000966 %		
6	4	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0		1.1 mg/kg	1.14	2 1.257 mg/kg	0.000126 %		
7	æ <b>\$</b>	chromium in chromium(III) compounds {		26 mg/kg	1.46	38 mg/kg	0.0038 %		
8	æ	215-160-9   1308-38-9   chromium in chromium(VI) compounds { chromium(VI) oxide }   024-001-00-0   215-607-8   1333-82-0		<1.8 mg/kǫ	1.92	<3.462 mg/kg	<0.000346 %		<lod< td=""></lod<>
9	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		19 mg/kg	1.12	26 21.392 mg/kg	0.00214 %		
10	4	iron ( iron (III) oxide }		38000 mg/kg	1.4	3 54330.304 mg/kg	5.433 %		
11	4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	58 mg/kg	)	58 mg/kg	0.0058 %		
12	4	manganese { manganese sulphate } 025-003-00-4		830 mg/kg	2.74	9 2281.308 mg/kg	0.228 %		
13	4	mercury { mercury dichloride }  080-010-00-X		<0.3 mg/kg	1.35	3 <0.406 mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9   215-204-7   1313-27-5		1.3 mg/kg	1.5	1.95 mg/kg	0.000195 %		
15	4	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		26 mg/kg	2.63	68.554 mg/kg	0.00686 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	æ\$	vanadium { divapentoxide }	nadium pentaoxide	e; vanadium		38	mg/kg	1.785	67.837	mg/kg	0.00678 %	l	
18	4	zinc { zinc sulphate 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		180	mg/kg	2.469	444.473	mg/kg	0.0444 %		
19	0	рН		PH		7.4	рН		7.4	рН	7.4 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	9	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	9	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	5.773 %		

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





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

## Sample details

Sample name: LoW Code:
S3TP10 Chapter:
Sample Depth:
0.2 m Entry:

from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

Moisture content:

(no correction)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 14% No Moisture Correction applied (MC)

#		Determinand  EU CLP index EC Number CAS Number number		EU CLP index EC Number CAS Number		CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide } 215-175-0	4200 04 4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>	
2	4	arsenic { arsenic tr 033-003-00-0		1309-64-4		13	mg/kg	1.32	17.164	mg/kg	0.00172 %			
3	4	barium { • barium		7727-43-7		360	mg/kg	1.7	611.826	mg/kg	0.0612 %			
4	4	beryllium { berylliu		1304-56-9	-	1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %			
5	4	boron { diboron tric		1303-86-2		0.6	mg/kg	3.22	1.932	mg/kg	0.000193 %			
6	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %			
7	4	chromium in chrom		ls { • 1308-38-9		32	mg/kg	1.462	46.77	mg/kg	0.00468 %			
8	æ <b>\$</b>	chromium in chromoxide }	nium(VI) compound	ds { chromium(VI)		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< th=""></lod<>	
9	4	copper { dicopper o	215-607-8 <mark>oxide; copper (I) ox</mark> 215-270-7	1333-82-0 tide } 1317-39-1	-	35	mg/kg	1.126	39.406	mg/kg	0.00394 %			
10	æ	iron { • iron (III) o		1309-37-1		35000	mg/kg	1.43	50041.069	mg/kg	5.004 %			
11	4	lead {	oounds with the ex	ception of those	1	140	mg/kg		140	mg/kg	0.014 %			
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7	_	1200	mg/kg	2.749	3298.277	mg/kg	0.33 %			
13	4	mercury { mercury	l	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>	
14	4	molybdenum { mol		1		1.5	mg/kg	1.5	2.25	mg/kg	0.000225 %			
15	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		34	mg/kg	2.637	89.647	mg/kg	0.00896 %			





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { seleniu cadmium sulphose elsewhere in this A	elenide and those			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	034-002-00-8  vanadium {	anadium pentaoxid	e; vanadium		42	mg/kg	1.785	74.978	mg/kg	0.0075 %		
18	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		220	mg/kg	2.469	543.245	mg/kg	0.0543 %		
19	0	pН		PH		6.5	рН		6.5	рН	6.5 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		0.13	mg/kg		0.13	mg/kg	0.000013 %		
25	9	anthracene	204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
26	0	fluoranthene	205-912-4	206-44-0		0.24	mg/kg		0.24	mg/kg	0.000024 %		
27	0	pyrene	204-927-3	129-00-0		0.21	mg/kg		0.21	mg/kg	0.000021 %		
28		chrysene 601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
										Total:	5.492 %		

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





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

03)

Sample details

Sample name: LoW Code: S3TP18 Chapter:

Sample Depth:

0.5 m Entry:

Moisture content:

4.9%

(no correction)

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

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 4.9% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	e#	antimony { antimor	ny trioxide }	1309-64-4		1.9	mg/kg	1.197	2.274	mg/kg	0.000227 %		
2	4	arsenic { arsenic tr		1327-53-3		7.1	mg/kg	1.32	9.374	mg/kg	0.000937 %		
3	æ			7727-43-7		40	mg/kg	1.7	67.981	mg/kg	0.0068 %		
4	4		<mark>m oxide</mark> } 215-133-1	1304-56-9	-	0.33	mg/kg	2.775	0.916	mg/kg	0.0000916 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide }	1303-86-2		<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<lod< td=""></lod<>
6	4		m oxide } 215-146-2	1306-19-0	-	<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium(III) oxide	nium(III) compound (worst case) } 215-160-9	ls { • 1308-38-9		9.4	mg/kg	1.462	13.739	mg/kg	0.00137 %		
8	4	chromium in chromoxide }	nium(VI) compound	ds { chromium(VI)		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	ď	copper { dicopper o	215-607-8 <mark>oxide; copper (I) ox</mark> 215-270-7	1333-82-0 cide } 1317-39-1		8.9	mg/kg	1.126	10.02	mg/kg	0.001 %		
10	4	iron ( iron (III) o		1309-37-1		13000	mg/kg	1.43	18586.683	mg/kg	1.859 %		
11	4	lead { lead compospecified elsewher	pounds with the ex	ception of those	1	8.2	mg/kg		8.2	mg/kg	0.00082 %		
12	æ å	manganese { mang	ganese sulphate }	7785-87-7		390	mg/kg	2.749	1071.94	mg/kg	0.107 %		
13	æ			7487-94-7	-	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	æ	molybdenum { mol		1		0.77	mg/kg	1.5	1.155	mg/kg	0.000116 %		
15	4			7786-81-4		10	mg/kg	2.637	26.367	mg/kg	0.00264 %		





			OITALD		_							_	
#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	4	cadmium sulphose elsewhere in this A	m compounds with elenide and those s Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	034-002-00-8  vanadium {	nadium pentaoxide	•		12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
18	4	zinc { zinc sulphate	215-239-8 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		20	mg/kg	2.469	49.386	mg/kg	0.00494 %		
19	0	рН		PH		7.7	рН		7.7	рН	7.7 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
				1						Total:	1.988 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification





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

## Sample details

Sample name: LoW Code:

S3TP19 Chapter:

Sample Depth:

1 m Entry:

from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

Moisture content: 4.4%

(no correction)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 4.4% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	CLP Note	User enter	ed data	Conv. Factor	Compound o	onc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide } 051-005-00-X		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>
2	æ å	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		5.2	mg/kg	1.32	6.866	mg/kg	0.000687 %		
3	4	barium {		19	mg/kg	1.7	32.291	mg/kg	0.00323 %		
4	ď			0.34	mg/kg	2.775	0.944	mg/kg	0.0000944 %		
5	ď	boron { diboron trioxide; boric oxide }   005-008-00-8   215-125-8   1303-86-2		<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<lod< td=""></lod<>
6	4	cadmium { cadmium oxide }           048-002-00-0         215-146-2         1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		6.5	mg/kg	1.462	9.5	mg/kg	0.00095 %		
8	4	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	ď	024-001-00-0		11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
10	ď	iron { iron (III) oxide }		16000	mg/kg	1.43	22875.917	mg/kg	2.288 %		
11	4		1	11	mg/kg		11	mg/kg	0.0011 %		
12	ď			180	mg/kg	2.749	494.741	mg/kg	0.0495 %		
13	4			<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	ď			0.5	mg/kg	1.5	0.75	mg/kg	0.000075 %		
15	4			7.7	mg/kg	2.637	20.302	mg/kg	0.00203 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	æ <u>\$</u>	selenium { selenium cadmium sulphose elsewhere in this A	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	vanadium { diva pentoxide }	nadium pentaoxide	e; vanadium		12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
18	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		28	mg/kg	2.469	69.14	mg/kg	0.00691 %		
19	0	рН		PH		6.4	рН		6.4	рН	6.4 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	9	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	2.356 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

Classification of sample: S3TP21

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

03)

## Sample details

Sample name: LoW Code: **S3TP21** Chapter: Sample Depth:

0.5 m Entry:

Moisture content:

14%

(no correction)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 14% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	CLP Note	User entered da	ta	Conv. Factor	Compound cond	:.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide } 051-005-00-X		<1 mg	g/kg	1.197	<1.197 mg	/kg	<0.00012 %		<lod< th=""></lod<>
2	4	arsenic { arsenic trioxide } 033-003-00-0		4.4 mg	g/kg	1.32	5.809 mg	/kg	0.000581 %		
3	4	barium { • barium sulfate }		120 mg	g/kg	1.7	203.942 mg	/kg	0.0204 %		
4	4	beryllium { beryllium oxide } 004-003-00-8		1.2 mg	g/kg	2.775	3.33 mg	/kg	0.000333 %		
5	4	boron { diboron trioxide; boric oxide } 005-008-00-8		0.5 mg	g/kg	3.22	1.61 mg	/kg	0.000161 %		
6	4	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0		<0.2 mg	g/kg	1.142	<0.228 mg	/kg	<0.0000228 %		<lod< td=""></lod<>
7	4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		33 mg	g/kg	1.462	48.231 mg	/kg	0.00482 %		
8	æ	215-160-9   1308-38-9   chromium in chromium(VI) compounds { chromium(VI) oxide }   024-001-00-0   215-607-8   1333-82-0		<1.2 mg	g/kg	1.923	<2.308 mg	/kg	<0.000231 %		<lod< td=""></lod<>
9	4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X		12 mg	g/kg	1.126	13.511 mg	/kg	0.00135 %		
10	4	iron ( iron (III) oxide ) 215-168-2   1309-37-1		37000 mg	g/kg	1.43	52900.559 mg	/kg	5.29 %		
11	æ	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	9.1 mg	g/kg		9.1 mg	/kg	0.00091 %		
12	4	manganese { manganese sulphate } 025-003-00-4		750 mg	g/kg	2.749	2061.423 mg	/kg	0.206 %		
13	4	mercury { mercury dichloride }  080-010-00-X		<0.3 mg	g/kg	1.353	<0.406 mg	/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9		0.29 mg	g/kg	1.5	0.435 mg	/kg	0.0000435 %		
15	4	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		39 mg	g/kg	2.637	102.831 mg	/kg	0.0103 %		





#			Determinand		CLP Note	User entere	d data	Conv.	Compound	conc.	Classification value	Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CL							MC	
16	4	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
-	_	034-002-00-8			╁							H	
17	≪\$	vanadium {	nadium pentaoxide	; vanadium		130	mg/kg	1.785	232.074	mg/kg	0.0232 %		
		023-001-00-8	215-239-8	1314-62-1									
18	æ					62	mg/kg	2.469	153.096	ma/ka	0.0153 %		
			231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		02		2.409	133.090	mg/kg	0.0133 /6		
19	0	pH		PH		7.9	рН		7.9	рН	7.9 pH		
		benzene	l.	l.		0.005			0.005		0.0000005.0/		1.00
20		601-020-00-8	200-753-7	71-43-2	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			203-625-9	108-88-3	1								
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		xylene	202-049-4	100-41-4					<u>.                                    </u>				
23		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7		<b>40.00</b>			<b>VO.00</b>		<b>40.000000</b> 70	Ш	
25	0	phenanthrene		I		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8	╀							Н	
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27	0	fluoranthene		1.20 .2 .		-0.05			-0.05		-0.00000E 0/		100
21			205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	ho4 007 0	400.00.0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		chrysene	204-927-3	129-00-0	-								
29			205-923-4	218-01-9	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		phenol		F.0 0.0		0.4			0.4		0.00004.0/		1.00
30		604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
ļ.,			1	74-95-3	1								
32	0	bromodichlorometh	200-856-7	75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	1	1	T	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %	П	<lod< td=""></lod<>
33			204-704-0	124-48-1		<0.005	ilig/kg		<0.005		<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
25		styrene	200 020 0	100 00 1	T	0.005			0.005		0.000005.8/		1.00
35		-	202-851-5	100-42-5	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	haa aaa 4	ho. 00 0		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		sec-butylbenzene	202-632-4	98-06-6	$\vdash$							H	
37	0		205-227-0	135-98-8	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
-			203-209-7  104-51-8								5 574 9/	H	
										Total:	5.574 %	<u>L</u>	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: **S3TP22** Chapter: Sample Depth: 0.5 m

Entry:

Moisture content:

from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

17: Construction and Demolition Wastes (including excavated soil

11%

(no correction)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 11% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4		1.9	mg/kg	1.197	2.274	mg/kg	0.000227 %		
2	4	arsenic { arsenic tr		1327-53-3		6	mg/kg	1.32	7.922	mg/kg	0.000792 %		
3	æ\$	barium { • barium		7727-43-7		66	mg/kg	1.7	112.168	mg/kg	0.0112 %		
4	4	beryllium { berylliu 004-003-00-8	m oxide } 215-133-1	1304-56-9		0.69	mg/kg	2.775	1.915	mg/kg	0.000191 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.7	mg/kg	3.22	2.254	mg/kg	0.000225 %		
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
7	4	chromium in chron		ls { •		21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
8	4	oxide }	nium(VI) compound	ds { chromium(VI)		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	æ\$	024-001-00-0 copper { dicopper 029-002-00-X	215-607-8 <mark>oxide; copper (I) ox</mark> 215-270-7	1333-82-0 iide } 1317-39-1		10	mg/kg	1.126	11.259	mg/kg	0.00113 %		
10	æ\$	iron ( iron (III) o	xide }	1309-37-1		26000	mg/kg	1.43	37173.366	mg/kg	3.717 %		
11	4	lead { lead compose lead   lead   lead   lead   lead compose lead   lead compose lead   lead compose lead   lead			1	11	mg/kg		11	mg/kg	0.0011 %		
12	4		ganese sulphate }	7785-87-7		530	mg/kg	2.749	1456.739	mg/kg	0.146 %		
13	4	mercury { mercury	L	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	<b>4</b>	molybdenum { mol				0.61	mg/kg	1.5	0.915	mg/kg	0.0000915 %		
15	4	nickel { nickel sulfa 028-009-00-5		7786-81-4		19	mg/kg	2.637	50.097	mg/kg	0.00501 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note			Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	vanadium { divapentoxide }	nadium pentaoxid	e; vanadium  1314-62-1		22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
18	~	zinc { <mark>zinc sulphate</mark> 030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		42	mg/kg	2.469	103.71	mg/kg	0.0104 %		
19	0	pH		PH		7.9	рН		7.9	рН	7.9 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	9	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	9	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0 205-923-4 218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>		
										Total:	3.901 %		

Kev

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

Below limit of detection





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

Sample details

Sample name: LoW Code: S3TP23 Chapter: Sample Depth:

Entry:

0.5 m Moisture content:

6.2%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

Moisture content: 6.2% No Moisture Correction applied (MC)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor	ny trioxide } 215-175-0	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	æ\$	arsenic { arsenic tr		1327-53-3		6.7	mg/kg	1.32	8.846	mg/kg	0.000885 %		
3	æ	barium {		7727-43-7		59	mg/kg	1.7	100.272	mg/kg	0.01 %		
4	4	beryllium { beryllium 004-003-00-8		1304-56-9		0.54	mg/kg	2.775	1.499	mg/kg	0.00015 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.4	mg/kg	3.22	1.288	mg/kg	0.000129 %		
6	4	cadmium { <mark>cadmiu</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
7	4	chromium in chrom		ls { • 1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
8	æ å	chromium in chromoxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	æ\$	copper { dicopper of 029-002-00-X	oxide; copper (I) ox	iide }		15	mg/kg	1.126	16.888	mg/kg	0.00169 %		
10	4	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		22000	mg/kg	1.43	31454.386	mg/kg	3.145 %		
11	4	lead {	pounds with the exe e in this Annex (wo	ception of those orst case) }	1	15	mg/kg		15	mg/kg	0.0015 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		1300	mg/kg	2.749	3573.133	mg/kg	0.357 %		
13	4	mercury { mercury 080-010-00-X		7487-94-7	+	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { mol 042-001-00-9	1	1313-27-5		1.1	mg/kg	1.5	1.65	mg/kg	0.000165 %		
15	4	nickel { nickel sulfa 028-009-00-5	te }	7786-81-4		32	mg/kg	2.637	84.374	mg/kg	0.00844 %		





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC A	Used
16	₫,	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
$\vdash$		034-002-00-8			+							-	
17	₫,	vanadium {	·			18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
$\vdash$	-		215-239-8	1314-62-1	-							<u> </u>	
18	-		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		60	mg/kg	2.469	148.158	mg/kg	0.0148 %		
19	Θ	рН		PH		8.2	рН		8.2	рН	8.2 pH		
20		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		601-020-00-8	200-753-7	71-43-2		V0.003	mg/kg		V0.003	ilig/kg	<0.0000003 /8		\LOD
21	]	toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\square$			203-625-9	108-88-3	1		.59			8''8	, ,		
22	Θ	ethylbenzene	000 040 4			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$		601-023-00-4 xylene	202-849-4	100-41-4	+								
23		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7		<b>40.00</b>			V0.00		<0.000000 70		LOD
25	Θ	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
$\vdash$			201-581-5	85-01-8	-								
26	Θ	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
H		fluoranthene	204-37 1-1	120-12-1	+								
27	Ĭ		205-912-4	206-44-0	1	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		phenol	200 020 1	_ 10 01 0									
30		·	203-632-7	108-95-2	1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
<u> </u>		602-003-00-8	200-824-2	74-95-3		V0.000	mg/kg		V0.003	y/kg	10.0000000 /6		`
32	0	bromodichlorometh	ane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	ane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene		J.		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
$\vdash$	$\dashv$	styrene	203-628-5	108-90-7	+								
35			202-851-5	100-42-5	+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	9	n-butylbenzene		135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
ш			203-209-7 104-51-8							Total:	3.546 %	-	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

03)

## Sample details

Sample name: LoW Code: S3TP24 Chapter: Sample Depth:

0.2 m Entry:

Moisture content:

9.5%

(no correction)

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

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 9.5% No Moisture Correction applied (MC)

#		Determinand  EU CLP index	CLP Note	User entered data	Con	( 'ompound conc	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimony trioxide } 051-005-00-X 215-175-0 1309-64-4		2.4 mg/kg	1.19	7 2.873 mg/kg	0.000287 %		
2	4	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3		8.3 mg/kg	1.32	2 10.959 mg/kg	0.0011 %		
3	4	barium { • barium sulfate } 231-784-4 7727-43-7		110 mg/kg	1.7	186.947 mg/kg	0.0187 %		
4	4	beryllium { beryllium oxide } 004-003-00-8		0.71 mg/kg	2.77	5 1.97 mg/kg	0.000197 %		
5	4	boron { diboron trioxide; boric oxide } 005-008-00-8   215-125-8   1303-86-2		0.2 mg/kg	3.22	2 0.644 mg/kg	0.0000644 %		
6	4	cadmium { cadmium oxide }       048-002-00-0     215-146-2     1306-19-0		0.5 mg/kg	1.14	2 0.571 mg/kg	0.0000571 %		
7	æ	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9		17 mg/kg	1.46	2 24.846 mg/kg	0.00248 %		
8	æ	chromium in chromium(VI) compounds { chromium(VI) oxide }		<1.2 mg/kg	1.92	3 <2.308 mg/kg	<0.000231 %		<lod< td=""></lod<>
9	æ	copper { dicopper oxide; copper (l) oxide } 029-002-00-X		22 mg/kg	1.12	6 24.77 mg/kg	0.00248 %		
10	æ	iron ( iron (III) oxide }		25000 mg/kg	1.43	35743.621 mg/kg	3.574 %		
11	æ	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	42 mg/kg		42 mg/kg	0.0042 %		
12	ď	manganese { manganese sulphate } 025-003-00-4		1200 mg/kg	2.74	9 3298.277 mg/kg	0.33 %		
13	<b>4</b>	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7		<0.3 mg/kg	1.35	3 <0.406 mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum(VI) oxide } 042-001-00-9		1.2 mg/kg	1.5	1.8 mg/kg	0.00018 %		
15	æ\$	nickel { nickel sulfate } 028-009-00-5   232-104-9   7786-81-4		19 mg/kg	2.63	7 50.097 mg/kg	0.00501 %		





BU CLP Index	#			Determinand		CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	Applied	Conc. Not Used
Color			EU CLP index number	EC Number	CAS Number	CLP			T dotor			Value	MC	0000
17	16	<b>4</b>	cadmium sulphose elsewhere in this A	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
Particular   Par		_												
Second Carbon Sulphase   030-006-00-9   031-793-3 [1]   7446-19-7 [1]   744   mg/kg   2.469   182.728   mg/kg   0.0183 %	17	≪4	pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
18					1314-62-1	-								
19	18	4	030-006-00-9	231-793-3 [1]			74	mg/kg	2.469	182.728	mg/kg	0.0183 %		
Debrace	19	0		201-730-0 [2]			6.8	рН		6.8	рН	6.8 pH		
S01-020-00-8   200-753-7   71-43-2			henzene		' ' '									
1	20			200-753-7	71-43-2	┨	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Soli-021-00-3   203-625-9   108-88-3	24						0.005			0.005	//	0.0000005.0/		1.00
Section   Sect	21		601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Solt-023-00-4   202-849-4   100-41-4	22	0	ethylbenzene				<0.005	ma/ka		<0.005	ma/ka	<0.0000005 %		<i od<="" td=""></i>
23			601-023-00-4	202-849-4	100-41-4		V0.000			<b>VO.000</b>		<0.0000000 70		\LUD
Properties	23		601-022-00-9	203-396-5 [2] 203-576-3 [3]	106-42-3 [2] 108-38-3 [3]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
25   Phenanthrene   201-695-5   86-73-7	24	0					-0.05			-0.05		-0.00000E 0/		1.00
201-581-5   35-01-8   20.05   mg/kg   20.00   mg/kg   20.000005 %   20.0000005 %   20.00000005 %   20.00000005 %   20.0000005 %   20.0000005 %   20.0000005 %   20.0000005	24			201-695-5	86-73-7		<0.05	ilig/kg		<0.05	ilig/kg	<0.000005 %		<lud< td=""></lud<>
201-581-5   85-01-8	25	0	phenanthrene				<0.05	ma/ka		<0.05	ma/ka	<0.000005 %		<lod< td=""></lod<>
204-371-1				201-581-5	85-01-8		40.00			40.00		10.000000 70		
Pyrene	26	0					<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
27				204-371-1	120-12-7	-								
28   pyrene	27	0		205-012-4	b06-44-0	-	0.13	mg/kg		0.13	mg/kg	0.000013 %		
28				203-912-4	200-44-0	-								
29	28			204-927-3	129-00-0	-	0.12	mg/kg		0.12	mg/kg	0.000012 %		
Solidation   Sol	20		chrysene				40.0E	malka		-0.0E	ma/ka	-0.00000E 9/		4 OD
Solution   Solution	29		601-048-00-0	205-923-4	218-01-9		<0.05	ilig/kg		<0.05	ilig/kg	<0.000005 %		<lud< td=""></lud<>
Solution   Solution	30		•				<0.1	ma/ka		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31	L			203-632-7	108-95-2	_								
S02-003-00-8   200-824-2   74-95-3	31			lana an			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
200-856-7   75-27-4				1	74-95-3	$\vdash$								
33	32	0			75-27-4	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
204-704-0   124-48-1   20.005   mg/kg   20.0000005 %   200000005 %   200000005 %   200000005 %   200000005 %   200000005 %   200000005 %   200000005 %   200000005 %   200000005 %   2000000005 %   2000000005 %   2000000005 %   2000000005 %   20000000000000000000000000000000000				1	13-21-4	+								
34         chlorobenzene         <0.005         mg/kg         <0.005         mg/kg         <0.0000005 % <lod< th="">           35         styrene 601-026-00-0   202-851-5   100-42-5           &lt;0.005</lod<>	33	9			124-48-1	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Styrene   Styr	24			-	1		40 00E	mc/les		-0.00E	ma/les	*0.000000E.0/		100
35	34		602-033-00-1	203-628-5	108-90-7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
36     tert-butylbenzene     <0.005	35		-	202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
202-632-4   98-06-6		_		_02 001 0	1.00 72 0	+								
Sec-butylbenzene   Countylbenzene   Co	36	9	·-	202-632-4	98-06-6	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod td=""  <=""></lod>
38  n-butylbenzene	07	0		1	1		-0.005	ma e: //		-0.005	m o //	-0.0000005.0/		1.05
203-209-7   104-51-8   20.005 mg/kg   20.0000005 %   200-209-7	3/			205-227-0	135-98-8		<0.005	rrig/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
	38	0	•	203-209-7	104-51-8	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			1	1	1						Total:	3.962 %	П	





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name: LoW Code: S3TP24[2] Chapter: Sample Depth:

Entry:

2 m Moisture content:

isture content:

14%

(no correction)

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

Moisture content: 14% No Moisture Correction applied (MC)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		number			Ö							Σ	
1	4	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		3.4	mg/kg	1.197	4.07	mg/kg	0.000407 %		
	æ	arsenic { arsenic tr		1303-04-4		40		4.00	00.700		0.00000.00		
2	_	033-003-00-0	215-481-4	1327-53-3		18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3	æ	barium { • barium	sulfate }			160	mg/kg	1.7	271.923	mg/kg	0.0272 %		
			231-784-4	7727-43-7									
4	4	beryllium { berylliu	<mark>m oxide</mark> }			1.2	mg/kg	2.775	3.33	mg/kg	0.000333 %		
		004-003-00-8	215-133-1	1304-56-9		1.2	mg/kg	2.110	0.00	mg/kg	0.000000 70		
5	ď	boron { diboron tric	oxide; boric oxide }			0.4	mg/kg	3.22	1.288	mg/kg	0.000129 %		
L		005-008-00-8	215-125-8	1303-86-2		0.1		O.LL	1.200		0.000120 70		
6	4	048-002-00-0  215-146-2   chromium in chromium(III) compoun	•			<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<lod< th=""></lod<>
	-		1306-19-0	_							_		
7	e <b>c</b>	chromium in chron	e (worst case) }	•		32	mg/kg	1.462	46.77	mg/kg	0.00468 %		
			215-160-9	1308-38-9	1							-	
8	4	chromium in chronoxide }				<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< th=""></lod<>
		024-001-00-0	215-607-8	1333-82-0	╄								
9	ď,	copper { dicopper				17	mg/kg	1.126	19.14	mg/kg	0.00191 %		
		029-002-00-X	215-270-7	1317-39-1	-								
10	4	iron { • iron (III) o	•			39000	mg/kg	1.43	55760.048	mg/kg	5.576 %		
	-		215-168-2	1309-37-1	+							-	
11	4	specified elsewher	pounds with the exc e in this Annex (wo		1	10	mg/kg		10	mg/kg	0.001 %		
		082-001-00-6			1								
12	æ 🎉	manganese { man				720	mg/kg	2.749	1978.966	mg/kg	0.198 %		
_		025-003-00-4	232-089-9	7785-87-7	+								
13	4	mercury { mercury 080-010-00-X	dichloride }	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
	ϣ.		lybdenum(VI) oxide		+								
14	•	042-001-00-9	215-204-7	1313-27-5	-	0.5	mg/kg	1.5	0.75	mg/kg	0.000075 %		
15	ď	nickel { nickel sulfa	1	1		34	mg/kg	2.637	89.647	mg/kg	0.00896 %		
		028-009-00-5	232-104-9	7786-81-4		J-1	mg/kg	2.007	03.047	mg/kg	0.00030 /0		





#			Determinand		CLP Note	User entere	ed data	Conv.	Compound	conc.	Classification	MC Applied	Conc. Not
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC	Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
		034-002-00-8			+				,			-	
17	<b>4</b>	vanadium {	•			58	mg/kg	1.785	103.541	mg/kg	0.0104 %		
			215-239-8	1314-62-1	-							-	
18	_	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		54	mg/kg	2.469	133.342	mg/kg	0.0133 %		
19	0	рН		PH		7.9	рН		7.9	рН	7.9 pH		
20		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
21		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ë			203-625-9	108-88-3	1		99		.5.003		,0		
22	0	ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
			202-849-4	100-41-4	+							$\vdash$	
23			202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
24	0	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-695-5	86-73-7	1	10.00			10.00		10.000000 70		1202
25	0	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
			201-581-5	85-01-8	+								
26	0	anthracene	204-371-1	120-12-7	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
		fluoranthene	204-37 1-1	120-12-7	+								
27			205-912-4	206-44-0	-	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
20		phenol	l.		T	-0.1	ma/les		-0.1	me/les	-0.00004.0/		100
30	L	·	203-632-7	108-95-2	1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
31		dibromomethane			Γ	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Ľ		1	200-824-2	74-95-3	1	10.000	9/119		13.000	9/119	.5.55555570		
32	0	bromodichlorometh	nane 200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	nane 204-704-0	124-48-1		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34		chlorobenzene	202 628 5	400.00.7		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		602-033-00-1 styrene	203-628-5	108-90-7	+								
35			202-851-5	100-42-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37	Θ	sec-butylbenzene	205-227-0	135-98-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38	0	n-butylbenzene	203-209-7	104-51-8		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		L	203-209-7  104-51-8							Total:	5.845 %		





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

## Sample details

Sample name:

Sample name:

Chapter:

Sample Depth:

m Entry:

Moisture content:

11%

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

(no correction)

## **Determinands**

Moisture content: 11% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimon 051-005-00-X	<mark>y trioxide</mark> } 215-175-0	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< td=""></lod<>
2	4	arsenic { arsenic tric 033-003-00-0	oxide } 215-481-4	1327-53-3		7.1	mg/kg	1.32	9.374	mg/kg	0.000937 %		
3	4	barium { • barium	<mark>sulfate</mark> } 231-784-4	7727-43-7		140	mg/kg	1.7	237.932	mg/kg	0.0238 %		
4	4	beryllium { beryllium	<mark>n oxide</mark> } 215-133-1	1304-56-9		1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %		
5	4	boron { diboron trio: 005-008-00-8	<mark>xide; boric oxide</mark> } 215-125-8	1303-86-2		2.4	mg/kg	3.22	7.728	mg/kg	0.000773 %		
6	4	cadmium { cadmiun 048-002-00-0	<mark>n oxide</mark> } 215-146-2	1306-19-0		0.3	mg/kg	1.142	0.343	mg/kg	0.0000343 %		
7	4	chromium in chrom chromium(III) oxide	. ( )	ls { • 1308-38-9		48	mg/kg	1.462	70.155	mg/kg	0.00702 %		
8	æ <b>\$</b>	chromium in chrom oxide }		1		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	4	copper { dicopper o				13	mg/kg	1.126	14.637	mg/kg	0.00146 %		
10	4	iron { • iron (III) ox	ide } 215-168-2	1309-37-1		54000	mg/kg	1.43	77206.221	mg/kg	7.721 %		
11	4	lead { • lead comp specified elsewhere			1	16	mg/kg		16	mg/kg	0.0016 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	anese sulphate }	7785-87-7		1200	mg/kg	2.749	3298.277	mg/kg	0.33 %		
13	4	mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { moly		1		0.84	mg/kg	1.5	1.26	mg/kg	0.000126 %		
15		nickel { nickel sulfat 028-009-00-5	<mark>e</mark> } 232-104-9	7786-81-4		36	mg/kg	2.637	94.921	mg/kg	0.00949 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>		im compounds with elenide and those Annex }			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4		anadium pentaoxid	le; vanadium		40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
18	4	zinc { zinc sulphat 030-006-00-9	e } 231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		77	mg/kg	2.469	190.136	mg/kg	0.019 %		
19	0	рН		PH		8	рН		8	рН	8pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7	_	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0	T	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	8.123 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	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

Speciated Determinand
<LOD Below limit of detection





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

## Sample details

Sample name: LoW Code:

\$3TP26 Chapter:

Sample Depth:

0.2 m Entry:

Moisture content:

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

03)

16%

(no correction)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 16% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	ď		ny trioxide } 215-175-0	1309-64-4		4.8	mg/kg	1.197	5.746	mg/kg	0.000575 %		
	æ			1309-04-4	+				,				
2	•	,	215-481-4	1327-53-3	+	20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	æ	barium { • barium	•			400	mg/kg	1.7	679.807	mg/kg	0.068 %		
			231-784-4	7727-43-7	+							$\vdash$	
4	e#		m oxide } 215-133-1	1304-56-9	-	1.7	mg/kg	2.775	4.718	mg/kg	0.000472 %		
5	e de				+	3.2	mg/kg	3.22	10.304	mg/kg	0.00103 %		
3		005-008-00-8	215-125-8	1303-86-2		3.2	mg/kg	3.22	10.304	mg/kg	0.00103 %		
6	ď		<mark>m oxide</mark> } 215-146-2	1306-19-0		1.9	mg/kg	1.142	2.17	mg/kg	0.000217 %		
7	æ	chromium in chrom	nium(III) compound			43	mg/kg	1.462	62.847	mg/kg	0.00628 %		
8	æ	chromium in chromoxide }				<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	ď					32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
		029-002-00-X	215-270-7	1317-39-1		52	mg/kg	1.120	00.020		0.0000 70		
10	4	iron ( iron (III) ox	<mark>kide</mark> } 215-168-2	1309-37-1		49000	mg/kg	1.43	70057.497	mg/kg	7.006 %		
11	æ	lead {	oounds with the ex		1	180	mg/kg		180	mg/kg	0.018 %		
		082-001-00-6											
12	ď		ganese sulphate } 232-089-9	7785-87-7	-	1600	mg/kg	2.749	4397.702	mg/kg	0.44 %		
13	4	mercury { mercury			$\dagger$	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
			231-299-8	7487-94-7		10.0		1.000	40.100		10.0000 100 70		1200
14	æ	molybdenum { molybdenum }	ybdenum(VI) oxide 215-204-7	1313-27-5		2.3	mg/kg	1.5	3.45	mg/kg	0.000345 %		
15	4			1313-21-5	+	40	m a /l c ==	0.607	105 467		0.0405.0/		
15	~	028-009-00-5	232-104-9	7786-81-4		40	mg/kg	2.637	105.467	mg/kg	0.0105 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	4	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	<b>4</b>	vanadium { divapentoxide }	nadium pentaoxide	e; vanadium  1314-62-1		66	mg/kg	1.785	117.822	mg/kg	0.0118 %		
18	4		231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		230	mg/kg	2.469	567.938	mg/kg	0.0568 %		
19	0	pH		PH	-	7.5	рН		7.5	рН	7.5 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	9	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
27	0	pyrene	204-927-3	129-00-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
28		chrysene 601-048-00-0 205-923-4 218-01-9				0.1	mg/kg		0.1	mg/kg	0.00001 %		
										Total:	7.626 %		

1/0	
ney	•

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





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

## Sample details

Sample name:

Sample name:

Chapter:

Sample Depth:

m Entry:

Moisture content:

15%

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

(no correction)

## **Determinands**

Moisture content: 15% No Moisture Correction applied (MC)

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4		<1	mg/kg	1.197	<1.197	mg/kg	<0.00012 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tr		1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
3	æ\$	barium { • barium		7727-43-7		310	mg/kg	1.7	526.85	mg/kg	0.0527 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.9	mg/kg	3.22	2.898	mg/kg	0.00029 %		
6	4	cadmium { cadmiui 048-002-00-0	m oxide } 215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
7	4	chromium in chrom		ls {		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
8	4	chromium in chromoxide }		<u> </u>		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
9	4	copper { dicopper o				22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
10	4	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		33000	mg/kg	1.43	47181.579	mg/kg	4.718 %		
11	4	lead { • lead comp specified elsewhere			1	150	mg/kg		150	mg/kg	0.015 %		
12	4	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		1300	mg/kg	2.749	3573.133	mg/kg	0.357 %		
13	4	mercury { mercury		7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %	İ	<lod< td=""></lod<>
14	4	molybdenum { mol				1.3	mg/kg	1.5	1.95	mg/kg	0.000195 %		
15	4	nickel { nickel sulfa 028-009-00-5		7786-81-4		30	mg/kg	2.637	79.101	mg/kg	0.00791 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { seleniu cadmium sulphose elsewhere in this A	elenide and those			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4	034-002-00-8  vanadium {	anadium pentaoxid	e; vanadium		36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
18	4	zinc { <mark>zinc sulphat</mark> 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		170	mg/kg	2.469	419.78	mg/kg	0.042 %		
19	0	рН		PH		7.7	рН		7.7	рН	7.7 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7	_	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	5.209 %		

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





17: Construction and Demolition Wastes (including excavated soil

17 05 04 (Soil and stones other than those mentioned in 17 05

from contaminated sites)

03)

Classification of sample: S3TP29

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

## Sample details

Sample name: LoW Code: **S3TP29** Chapter: Sample Depth:

0.5 m Entry:

Moisture content:

20%

(no correction)

# **Hazard properties**

None identified

## **Determinands**

Moisture content: 20% No Moisture Correction applied (MC)

#			Determinand		CLP Note	User enter	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			i actor			value	MC,	Oseu
1	æ <b>g</b>	antimony { antimor	ny trioxide }			2.5	mg/kg	1.197	2.993	mg/kg	0.000299 %		
		051-005-00-X	215-175-0	1309-64-4	1								
2	æ	arsenic { arsenic tr	-	4007.50.0		10	mg/kg	1.32	13.203	mg/kg	0.00132 %		
			215-481-4	1327-53-3									
3	€ <mark>4</mark>	Danam ( Danam	•		1	250	mg/kg	1.7	424.879	mg/kg	0.0425 %		
			231-784-4	7727-43-7	+								
4	€ <mark>\$</mark>		•	1,00,1 =0.0		1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
	-		215-133-1	1304-56-9	-								
5	æ <b>4</b>					1	mg/kg	3.22	3.22	mg/kg	0.000322 %		
	-		215-125-8	1303-86-2	+							$\vdash$	
6	e <b>4</b>					0.7	mg/kg	1.142	0.8	mg/kg	0.00008 %		
_	+-	048-002-00-0	215-146-2	1306-19-0	+							$\vdash$	
7	æ	chromium in chrom		s {		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
			215-160-9	1308-38-9									
8	e C	chromium in chromoxide }	nium(VI) compound	ls { chromium(VI)		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< td=""></lod<>
		024-001-00-0	215-607-8	1333-82-0									
9	4	copper { dicopper o	oxide; copper (I) ox	ide }		14	mg/kg	1.126	15.762	mg/kg	0.00158 %		
		029-002-00-X	215-270-7	1317-39-1									
10	æ\$	iron ( iron (III) o	<mark>kide</mark> } 215-168-2	1309-37-1		28000	mg/kg	1.43	40032.855	mg/kg	4.003 %		
	_		215-168-2	1309-37-1	+							$\vdash$	
11	€ <mark>4</mark>	lead {			1	68	mg/kg		68	mg/kg	0.0068 %		
		082-001-00-6											
12	æ <b>g</b>					640	mg/kg	2.749	1759.081	mg/kg	0.176 %		
	_		232-089-9	7785-87-7	-								
13	æ		231-299-8	7487-94-7	-	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	<b>A</b>				t	4.0		4.5	4.0		0.00040.00		
14	_	, ,	215-204-7	1313-27-5	-	1.2	mg/kg	1.5	1.8	mg/kg	0.00018 %		
15	æ G	nickel { nickel sulfa	te }			21	mg/kg	2.637	55.37	mg/kg	0.00554 %		
Ĺ		028-009-00-5	232-104-9	7786-81-4			59			J 9			





#		EU CLP index number			CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>		elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	4		nadium pentaoxide	e; vanadium		35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
18	4	zinc { zinc sulphate 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		140	mg/kg	2.469	345.701	mg/kg	0.0346 %		
19	0	рН		PH		7.4	рН		7.4	рН	7.4 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	9	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	9	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	4.283 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification





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

## Sample details

Sample name: LoW Code: **S3TP34** Chapter: Sample Depth: 0.2 m

Entry:

Moisture content:

21%

(no correction)

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

03)

## **Hazard properties**

None identified

## **Determinands**

Moisture content: 21% No Moisture Correction applied (MC)

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	antimony { antimor		4000 04 4		3.1	mg/kg	1.197	3.711	mg/kg	0.000371 %		
2	4	arsenic { arsenic tr	215-175-0 ioxide 215-481-4	1309-64-4		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
3	4	barium { • barium		7727-43-7		350	mg/kg	1.7	594.831	mg/kg	0.0595 %		
4	4			1304-56-9	-	1.7	mg/kg	2.775	4.718	mg/kg	0.000472 %		
5	4	boron { diboron tric		1303-86-2		1.7	mg/kg	3.22	5.474	mg/kg	0.000547 %		
6	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.8	mg/kg	1.142	2.056	mg/kg	0.000206 %		
7	æ <b>\$</b>	chromium in chrom	e (worst case) }	•		32	mg/kg	1.462	46.77	mg/kg	0.00468 %		
8	æ <b>\$</b>	chromium in chromoxide }	. , .	. , ,		<1.8	mg/kg	1.923	<3.462	mg/kg	<0.000346 %		<lod< th=""></lod<>
9	æ\$	copper { dicopper o	215-607-8 <mark>oxide; copper (I) ox</mark> 215-270-7	1333-82-0 ide } 1317-39-1		32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
10	æ	iron { • iron (III) o		1309-37-1		28000	mg/kg	1.43	40032.855	mg/kg	4.003 %		
11	æ	lead {	pounds with the ex	ception of those	1	140	mg/kg		140	mg/kg	0.014 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		1300	mg/kg	2.749	3573.133	mg/kg	0.357 %		
13	4	mercury { mercury	J	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { mol				1.6	mg/kg	1.5	2.4	mg/kg	0.00024 %		
15	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		32	mg/kg	2.637	84.374	mg/kg	0.00844 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	elenide and those s			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< th=""></lod<>
17	<b>4</b>					42	mg/kg	1.785	74.978	mg/kg	0.0075 %		
18	<b>4</b>	zinc { zinc sulphate 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		200	mg/kg	2.469	493.859	mg/kg	0.0494 %		
19	0	рН		PH		7.1	рН		7.1	рН	7.1 pH		
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
21		toluene 601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< th=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
24	9	phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
28		chrysene 601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< th=""></lod<>
										Total:	4.512 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
0	Determinand defined or amended by HazWasteOnline (see Appendix A)
<b>4</b>	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<lod< th=""><th>Below limit of detection</th></lod<>	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification





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

## Sample details

Sample name: LoW Code: S3WS01 Chapter: Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	æ\$		ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	<b>4</b>	arsenic { arsenic tri	<mark>ioxide</mark> } 215-481-4	1327-53-3		17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3	4		sulfate } 231-784-4	7727-43-7		390	mg/kg	1.7	662.812	mg/kg	0.0663 %		
4	æ\$		<mark>n oxide</mark> } 215-133-1	1304-56-9		1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
5	4		<mark>oxide; boric oxide</mark> } 215-125-8	1303-86-2		4.2	mg/kg	3.22	13.523	mg/kg	0.00135 %		
6	<b>4</b>		<mark>m oxide</mark> } 215-146-2	1306-19-0		2.5	mg/kg	1.142	2.856	mg/kg	0.000286 %		
7	<b>4</b>	chromium in chrom chromium(III) oxide		ds { • 1308-38-9		30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	æ å	copper { dicopper o				23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
10	æ\$	iron { • iron (III) ox		1309-37-1		36000	mg/kg	1.43	51470.814	mg/kg	5.147 %		
11	4	lead { • lead comp	lead { • lead compounds with the exception of those specified elsewhere in this Annex (worst case) }		1	110	mg/kg		110	mg/kg	0.011 %		
12	ď,	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		2000	mg/kg	2.749	5497.128	mg/kg	0.55 %		
13	4	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	4	molybdenum { moly		1		1.8	mg/kg	1.5	2.7	mg/kg	0.00027 %		
15	_	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		35	mg/kg	2.637	92.284	mg/kg	0.00923 %		





	Determinand			7   liser entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
	EU CLP index number	EC Number	CAS Number	CLP			1 actor			value	MC,	Oseu
16	cadmium sulphose elsewhere in this A	lenide and those sp			2	mg/kg	1.405	2.81	mg/kg	0.000281 %		
	034-002-00-8										-	
17	vanadium {	·			37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
_			1314-62-1								+	
40	030-006-00-9	231-793-3 [1]	7446-19-7 [1] 7733-02-0 [2]	-	220	mg/kg	2.469	543.245	mg/kg	0.0543 %		
19 •	TPH (C6 to C40) p	etroleum group	ТРН		15	mg/kg		15	mg/kg	0.0015 %		
+	benzene		IFN	+								
20		200-753-7	71-43-2	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	toluene			1	0.004			0.004		0.000001.0/		1.00
21		203-625-9	108-88-3	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	ethylbenzene	1			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	601-023-00-4	202-849-4	100-41-4		V0.001				mg/kg	V0.0000001 70		LOD
23	fluorene	201-695-5	86-73-7	_	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
00 0	fluoranthene	204-371-1	120-12-7	+								
26		205-912-4	206-44-0		0.19	mg/kg		0.19	mg/kg	0.000019 %		
27	pyrene	204-927-3	129-00-0	-	0.16	mg/kg		0.16	mg/kg	0.000016 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
29	phenol 604-001-00-2	203-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
	bromochlorometha				0.005			0.005		0.0000005.0/		1.00
30		200-826-3	74-97-5	1	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32 •	bromodichlorometh		75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	dibromochlorometh	nane			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
34	chlorobenzene	204-704-0	124-48-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
+		203-628-5	108-90-7	+								
35	styrene 601-026-00-0	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	tert-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	1	202-632-4	98-06-6	1		J. 3			J J			-
37	sec-butylbenzene	205-227-0	135-98-8	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	n-butylbenzene	203-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	<u> </u>	<u> </u>	10-4-01-0						Total:	5.858 %		

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 Selow limit of detection





## **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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0015%)





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

## Sample details

Sample name: LoW Code:

\$3W\$04 Chapter:

Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

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  EU CLP index		CLP Note	User entered data		Conv. Factor Compound conc.		Classification value	MC Applied	Conc. Not Used		
1	æ\$	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	æ\$	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		5.7	mg/kg	1.32	7.526	mg/kg	0.000753 %		
3	4	barium { • barium	sulfate }	7727-43-7		75	mg/kg	1.7	127.464	mg/kg	0.0127 %		
4	4	beryllium { <mark>berylliu</mark> 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
5	4	boron { <mark>diboron tric</mark> 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< th=""></lod<>
6	4	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.35	mg/kg	1.142	0.4	mg/kg	0.00004 %		
7	4	chromium in chrom		s { •		13	mg/kg	1.462	19	mg/kg	0.0019 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o		1		13	mg/kg	1.126	14.637	mg/kg	0.00146 %		
10	4	iron { • iron (III) o	<mark>kide</mark> }  215-168-2	1309-37-1		18000	mg/kg	1.43	25735.407	mg/kg	2.574 %		
11	4	lead {			1	34	mg/kg		34	mg/kg	0.0034 %		
12	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		610	mg/kg	2.749	1676.624	mg/kg	0.168 %		
13	-	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	-	molybdenum { mol				1.3	mg/kg	1.5	1.95	mg/kg	0.000195 %		
15	æ	nickel { nickel sulfa		7786-81-4		12	mg/kg	2.637	31.64	mg/kg	0.00316 %		





	_				_								
#			Determinand		Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			1 doloi			valuo	MC	0000
16	<b>4</b>	selenium { selenium cadmium sulphosele elsewhere in this An	enide and those s			0.67	mg/kg	1.405	0.941	mg/kg	0.0000941 %		
		034-002-00-8			1								
17	4	vanadium {				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
			15-239-8	1314-62-1									
10	_	zinc { zinc sulphate }				70	ma/ka	2.460	170 051	ma/ka	0.0172.0/		
18			31-793-3 [1] 31-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70	mg/kg	2.469	172.851	mg/kg	0.0173 %		
19	0	TPH (C6 to C40) per	troleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
0.0		benzene		1		0.007			6.001		0.000000101		
20			00-753-7	71-43-2	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
0.4		toluene		J		0.004	//		0.004	0	0.0000001.01		100
21			03-625-9	108-88-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	0	ethylbenzene				0.004			0.004		0.0000004.0/		1.00
22			02-849-4	100-41-4	1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	Θ	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			01-695-5	86-73-7	+							-	
24	Θ	phenanthrene 2	01-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0	anthracene	0.1.071.1	1.00 .00 =		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		1	04-371-1	120-12-7	+							-	
26	0	fluoranthene 2	05-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
27	0	pyrene	04.007.0	400.00.0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			04-927-3	129-00-0									
28		chrysene 601-048-00-0 2	05 000 4	240.04.0	4	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
		phenol	05-923-4	218-01-9	+					_			
29		<u> </u>	03-632-7	108-95-2	-	<0.02	mg/kg		< 0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
		bromochloromethan		100-93-2	+							+	
30	9		00-826-3	74-97-5	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
<u>.</u>		dibromomethane	<u> </u>		$\dagger$	2 :	,				0.000000		
31			00-824-2	74-95-3	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometha		75.07.4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
		1	00-856-7	75-27-4	+								
33	0	dibromochlorometha 2	04-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
24		chlorobenzene				-0.001	mc/les		-0.004	me/les	±0.0000001.0/	İ	-I OD
34	L	602-033-00-1 2	03-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene 601-026-00-0 2	02 951 5	100.42.5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	_	tert-butylbenzene	02-851-5	100-42-5	+								
36	0		02-632-4	98-06-6	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
	0	sec-butylbenzene	02 002 <del>1</del>	00 00 0	+								
37	9		05-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	03-209-7	104-51-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			ひつ"とひご" (	1104-01-0	1			1 1					1



Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code:

\$3W\$07 Chapter:

Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ 🎉					<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
-	-	051-005-00-X	215-175-0	1309-64-4	+							-	
2	ď,	arsenic { arsenic tr		4007.50.0	4	25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
-	-	033-003-00-0	215-481-4	1327-53-3	-								
3	€ <b>4</b>	barium { • barium	sulfate }			470	mg/kg	1.7	798.773	mg/kg	0.0799 %		
			231-784-4	7727-43-7									
4	a C	beryllium { berylliu	m oxide }			1.7	mg/kg	2.775	4.718	mg/kg	0.000472 %		
Ŀ		004-003-00-8	215-133-1	1304-56-9				20		9/9	0.000.112 /0		
5	a C	boron { diboron tric				4.1	mg/kg	3.22	13.201	mg/kg	0.00132 %		
Ľ		005-008-00-8	215-125-8	1303-86-2				0.22	.0.20	99	0.00.02 /0		
6	æ 🌡	cadmium { cadmiu	m oxide }			4.8	mg/kg	1.142	5.483	mg/kg	0.000548 %		
		048-002-00-0	215-146-2	1306-19-0									
7	æ	chromium in chrom	e (worst case) }	•		38	mg/kg	1.462	55.539	mg/kg	0.00555 %		
	-		215-160-9	1308-38-9	-								
8	4	oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
	-	024-001-00-0	215-607-8	1333-82-0	+								
9	ď,			•	4	32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
	_	029-002-00-X	215-270-7	1317-39-1	+								
10	€ <b>4</b>	iron { • iron (III) o	<mark>xide</mark> }			40000	mg/kg	1.43	57189.793	mg/kg	5.719 %		
			215-168-2	1309-37-1									
11	æ <b>\$</b>	specified elsewher			1	48	mg/kg		48	mg/kg	0.0048 %		
		082-001-00-6	<u> </u>										
12	4	manganese { manganese   manganese	ganese sulphate } 232-089-9	7785-87-7	-	4500	mg/kg	2.749	12368.537	mg/kg	1.237 %		
10	ď			1.755 67 7	1	0.05	ma m // c ==	4.050	0.0677	m m/l c =	0.00000677.0/		
13		080-010-00-X	231-299-8	7487-94-7	1	0.05	mg/kg	1.353	0.0677	mg/kg	0.00000677 %		
14	ď	molybdenum { mol	ybdenum(VI) oxide	e }		2.9	mg/kg	1.5	4.351	mg/kg	0.000435 %		
Ľ		042-001-00-9	215-204-7	1313-27-5		2.0	mg/ng	1.0	1.001	9,119	3.000 100 70		
15	4	nickel { nickel sulfa 028-009-00-5	te }	7786-81-4		65	mg/kg	2.637	171.385	mg/kg	0.0171 %		





			Determinand		ote			Conv.	_		Classification	plied	Conc. Not
#		EU CLP index	EC Number	CAS Number	CLP Note	User entere	d data	Factor	Compound	conc.	value	MC Applied	Used
16	4	number selenium { selenium cadmium sulphose elsewhere in this A	lenide and those sp			2.9	mg/kg	1.405	4.074	mg/kg	0.000407 %	2	
		034-002-00-8											
17	*	vanadium { • divar	'	,		60	mg/kg	1.785	107.111	mg/kg	0.0107 %		
			215-239-8	1314-62-1								Ш	
18	*	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		280	mg/kg	2.469	691.403	mg/kg	0.0691 %		
19	0	TPH (C6 to C40) po	etroleum group	TPH		14	mg/kg		14	mg/kg	0.0014 %		
20		benzene 601-020-00-8	200 752 7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			203-625-9	108-88-3	-								
22	0	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	Θ	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
27	0	pyrene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
28		chrysene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
			205-923-4	218-01-9	-								
29		phenol 604-001-00-2	203-632-7	108-95-2	-	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha		74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometh		74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh	200-856-7 nane	75-27-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
		1	204-704-0	124-48-1	1	10.01	9/119				3,00000170		
34		chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene 601-026-00-0	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	205-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
			203-209-7	104-51-8						Total:	7.155 %		
										iolal.	7.100 /0	Щ	



Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





## **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 HP 3 Flammable (first indent) can be discounted as this is a solid waste without a free draining liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0014%)





Classification of sample: S3WS07R

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

03)

Entry:

Sample details

Sample name: LoW Code: S3WS07R Chapter:

Sample Depth:

Moisture content:

18%

(no correction)

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

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
	æ	number antimony { antimor	ov trioxide }									2	
1	-	, ,	215-175-0	1309-64-4		4.9	mg/kg	1.197	5.866	mg/kg	0.000587 %		
2	4		ioxide } 215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3	4	barium { • barium	sulfate }			420	mg/kg	1.7	713.797	mg/kg	0.0714 %		
4	4	beryllium { berylliur	231-784-4 m oxide 215-133-1	7727-43-7		1.9	mg/kg	2.775	5.273	mg/kg	0.000527 %		
5	4	boron { diboron tric		1304-56-9		0.3	mg/kg	3.22	0.966	mg/kg	0.0000966 %		
6	4	cadmium { cadmiu	<mark>m oxide</mark> }	1303-86-2		2.3	mg/kg	1.142	2.627	mg/kg	0.000263 %		
7	æ	48-002-00-0   215-146-2   1306-19-0   215-146-2   1306-19-0   215-146-2   1306-19-0   215-160-9   1308-38-9   215-160-9   215-			42	mg/kg	1.462	61.385	mg/kg	0.00614 %			
	æ			1308-38-9 Is { chromium(VI)	-								
8		oxide } 024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<lod< td=""></lod<>
9	æ\$	copper { dicopper o	oxide; copper (I) ox 215-270-7	ide }  1317-39-1		31	mg/kg	1.126	34.903	mg/kg	0.00349 %		
10	A	iron { • iron (III) o		1309-37-1		50000	mg/kg	1.43	71487.241	mg/kg	7.149 %		
11	4	specified elsewhere	pounds with the exc	ception of those	1	83	mg/kg		83	mg/kg	0.0083 %		
12	4	082-001-00-6 manganese { mang	ganese sulphate }			2400	mg/kg	2.749	6596.553	mg/kg	0.66 %		
Ë		025-003-00-4	232-089-9	7785-87-7	-	2.00	9/1.9	2 10	0000.000		0.00 /0		
13	4	mercury { mercury 080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<lod< td=""></lod<>
14	4	molybdenum { molybdenum }	ybdenum(VI) oxide 215-204-7	} 1313-27-5		2.4	mg/kg	1.5	3.6	mg/kg	0.00036 %		
15	4	nickel { nickel sulfa	te }			47	mg/kg	2.637	123.924	mg/kg	0.0124 %		
		028-009-00-5	232-104-9	7786-81-4									





Continue   Compounds with the exception of the selection  #		EU CLP index	Determinand  EC Number	CAS Number	CLP Note	User entere	d data	Conv. Factor	Compound	conc.	Classification value	C Applied	Conc. Not Used	
Cadmium subprosedende and those specified elsewhere in this Annex   Cadmium subprosedende and those specified elsewhere in this Annex   Cadmium subprosedende and those specified elsewhere in this Annex   Cadmium subprosedende and those specified elsewhere in this Annex   Cadmium subprosedende and those specified elsewhere in this Annex   Cadmium subprosedende			number			ŭ							MC	
17	16	4	cadmium sulphose elsewhere in this A	lenide and those sp			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<lod< td=""></lod<>
Particular   Par		_												
Section   Part	17		pentoxide }	•	,		70	mg/kg	1.785	124.963	mg/kg	0.0125 %		
18					1314-62-1	-								
19	18	_	030-006-00-9	231-793-3 [1]			270	mg/kg	2.469	666.71	mg/kg	0.0667 %		
S01-020-00-8   200-753-7   71-43-2	19	0			PH		7.2	рН		7.2	pН	7.2 pH		
Self-020-00-8   200-753-7   71-43-2	20		benzene	1		1	40.00E	ma/ka		-0.00E	ma/ka	-0.000000E 9/		4 OD
21	20		601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %	L	<lud< td=""></lud<>
22   ethylbenzene	21			203-625-9	108-88-3	-	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Solid	22			1	1	1	40 00E	ma/les		-0.00E	ma/les	*0.000000E.0/		100
23	22		601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lud< td=""></lud<>
24	23		601-022-00-9	203-396-5 [2] 203-576-3 [3]	106-42-3 [2] 108-38-3 [3]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Policipies   Pol	24	0					<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5   85-01-8   201-581-5				201-695-5	86-73-7	1								
anthracene	25	0	·	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
Fluoranthene	26	0		204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
28   Pyrene	27	0	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
Chrysene   Chrysene	28	0	pyrene	1			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
phenol	29		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<lod< td=""></lod<>
Solution   Solution				205-923-4	210-01-9	+								
31	30		604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %	L	<lod< td=""></lod<>
200-856-7   75-27-4	31			200-824-2	74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
204-704-0   124-48-1	32	Θ			75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
34	33	(3)			124-48-1	_	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
35	34			203-628-5	108-90-7	Γ	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Sec-butylbenzene   Co.005 mg/kg   Co.0000005   Co.0000005   Co.0000005   Co.0000005   Co.0000005   Co.0000005   Co.0000005   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0005 mg/kg   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0005 mg/kg   Co.0005 mg/kg   Co.0005 mg/kg   Co.0005 mg/kg   Co.0000005   Co.0005 mg/kg   Co.0	35		styrene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
37   sec-butylbenzene   <0.005   mg/kg   <0.0000005 %   <lo td=""  =""  <=""><td>36</td><td></td><td>tert-butylbenzene</td><td></td><td></td><td>+</td><td>&lt;0.005</td><td>mg/kg</td><td></td><td>&lt;0.005</td><td>mg/kg</td><td>&lt;0.0000005 %</td><td></td><td><lod< td=""></lod<></td></lo>	36		tert-butylbenzene			+	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
38 • n-butylbenzene <0.005 mg/kg <0.0000005 % <lo< td=""><td>37</td><td>0</td><td>sec-butylbenzene</td><td></td><td></td><td></td><td>&lt;0.005</td><td>mg/kg</td><td></td><td>&lt;0.005</td><td>mg/kg</td><td>&lt;0.000005 %</td><td></td><td><lod< td=""></lod<></td></lo<>	37	0	sec-butylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.000005 %		<lod< td=""></lod<>
200 200 1 107 01 0	38	0	n-butylbenzene	1			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
Total: 7.995 %			I	E00 200 I	107010						Total:	7.995 %		





Key

User supplied data

Determinand values ignored for classification, see column 'Conc. Not Used' for reason

Determinand defined or amended by HazWasteOnline (see Appendix A)

**₫** <LOD Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration

Below limit of detection





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

#### Sample details

Sample name: LoW Code:

\$38H16 Chapter:

Sample Depth:

0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	antimony { antimon 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	æ	arsenic { arsenic tri	i <mark>oxide</mark> } 215-481-4	1327-53-3		6	mg/kg	1.32	7.922	mg/kg	0.000792 %		
3	æ\$	barium { • barium	sulfate }	7727-43-7		72	mg/kg	1.7	122.365	mg/kg	0.0122 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		
5	æ\$	boron { diboron trio	oxide; boric oxide } 215-125-8	1303-86-2		1.1	mg/kg	3.22	3.542	mg/kg	0.000354 %		
6	4	cadmium { cadmiur 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.33	mg/kg	1.142	0.377	mg/kg	0.0000377 %		
7	4	chromium in chrom		s { ®		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o			T	21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
10	4	iron { • iron (III) ox	<mark>kide</mark> }  215-168-2	1309-37-1		14000	mg/kg	1.43	20016.428	mg/kg	2.002 %		
11	æ	lead { lead comp specified elsewhere 082-001-00-6			1	44	mg/kg		44	mg/kg	0.0044 %		
12	æ	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		490	mg/kg	2.749	1346.796	mg/kg	0.135 %		
13	æ	mercury { mercury		7487-94-7		0.36	mg/kg	1.353	0.487	mg/kg	0.0000487 %		
14	æ å	molybdenum { moly	ybdenum(VI) oxide 215-204-7	} 1313-27-5		1	mg/kg	1.5	1.5	mg/kg	0.00015 %		
15	æ	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		12	mg/kg	2.637	31.64	mg/kg	0.00316 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	*	selenium { selenium cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			0.47	mg/kg	1.405	0.66	mg/kg	0.000066 %		
17	4	vanadium {	nadium pentaoxide	e; vanadium		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
18	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		66	mg/kg	2.469	162.974	mg/kg	0.0163 %		
19	0	рН		PH		6.9	рН		6.9	рН	6.9 pH		
20	0	TPH (C6 to C40) p	etroleum group	ТРН		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	0	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene	ne		1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
	_				_					Total:	2.182 %		

|--|

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





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

#### Sample details

Sample name: LoW Code:

\$38H17 Chapter:

Sample Depth:

1 m Entry:

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

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ\$	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3	_	9.4	mg/kg	1.32	12.411	mg/kg	0.00124 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		230	mg/kg	1.7	390.889	mg/kg	0.0391 %		
4	4	beryllium { berylliu 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
5	4	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		3.2	mg/kg	3.22	10.304	mg/kg	0.00103 %		
6	4	cadmium { cadmiu 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0	_	1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
7	4	oxide }	nium(VI) compound	ls { chromium(VI)		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
8	4	copper { dicopper 029-002-00-X				19	mg/kg	1.126	21.392	mg/kg	0.00214 %		
9	4	iron { • iron (III) o	kide }  215-168-2	1309-37-1		22000	mg/kg	1.43	31454.386	mg/kg	3.145 %		
10	4	specified elsewher	pounds with the exc e in this Annex (wo		1	120	mg/kg		120	mg/kg	0.012 %		
11	4	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate } 232-089-9	7785-87-7	-	920	mg/kg	2.749	2528.679	mg/kg	0.253 %		
12	æ\$	mercury { mercury 080-010-00-X	dichloride } 231-299-8	7487-94-7	_	0.14	mg/kg	1.353	0.189	mg/kg	0.0000189 %		
13	4	molybdenum { mol	ybdenum(VI) oxide 215-204-7	} 1313-27-5		1.2	mg/kg	1.5	1.8	mg/kg	0.00018 %		
14	4	nickel { nickel sulfa 028-009-00-5	te } 232-104-9	7786-81-4		25	mg/kg	2.637	65.917	mg/kg	0.00659 %		
15	<b>4</b>		m compounds with elenide and those s unnex }			1	mg/kg	1.405	1.405	mg/kg	0.000141 %		





#			Determinand		Note	User entere	ed data	Conv.	Compound	conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number	CLP			Factor			value	MC/	Usea
16	4	vanadium {	•			29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
	-		215-239-8	1314-62-1	+							-	
17	_	zinc { <mark>zinc sulphate</mark> 030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		150	mg/kg	2.469	370.394	mg/kg	0.037 %		
18	0	pH		PH		7.6	рН		7.6	рН	7.6 pH		
19	0	TPH (C6 to C40) po	etroleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< td=""></lod<>
20		benzene 601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
21		toluene	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
22	0	ethylbenzene	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
23	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
24	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
25	0	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
26	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
27	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
28		chrysene	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< td=""></lod<>
29		phenol	203-632-7	108-95-2		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<lod< td=""></lod<>
30	0	bromochlorometha	ne	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
31		dibromomethane	200-826-3			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
32	0	bromodichlorometh		74-95-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<lod< td=""></lod<>
33	0	dibromochlorometh		75-27-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<lod< td=""></lod<>
34		chlorobenzene	204-704-0	124-48-1	-	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
35		styrene	203-628-5	108-90-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
36	0	tert-butylbenzene	202-851-5	100-42-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
37	0	sec-butylbenzene	202-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
38	0	n-butylbenzene	205-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<lod< td=""></lod<>
_			203-209-7	104-51-8						Total:	3.505 %	-	

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 CLOD Below limit of detection CLP: Note 1 Only the metal concentration has been used for classification

Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration Below limit of detection

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

#### Sample details

Sample name: LoW Code:
S3TP36 Chapter:
Sample Depth:
0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#	·	EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	_	antimony { <mark>antimor</mark> 051-005-00-X	y trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
	_	arsenic { arsenic tr		1309-64-4	+					_			
2	~	· ·	215-481-4	1327-53-3	1	7.5	mg/kg	1.32	9.902	mg/kg	0.00099 %		
3	4	barium { • barium	sulfate }	7727-43-7		65	mg/kg	1.7	110.469	mg/kg	0.011 %		
	æ	beryllium { berylliur		1121-43-1	╁								
4	-		215-133-1	1304-56-9	-	0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		
5	_	boron { diboron tric	oxide; boric oxide } 215-125-8	1303-86-2		0.44	mg/kg	3.22	1.417	mg/kg	0.000142 %		
6	4	cadmium { cadmiu	<mark>m oxide</mark> }	1		0.19	mg/kg	1.142	0.217	mg/kg	0.0000217 %		
	-	048-002-00-0	215-146-2	1306-19-0								-	
7	4	chromium in chrom chromium(III) oxide	e (worst case) }			16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
-	_		215-160-9	1308-38-9	$\perp$								
8	~	chromium in chromoxide }		,		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
-		024-001-00-0 copper { dicopper o	215-607-8	1333-82-0	╁				·				
9	-		215-270-7	1317-39-1	-	14	mg/kg	1.126	15.762	mg/kg	0.00158 %		
10	4	iron ( iron (III) ox	kide } 215-168-2	1309-37-1		19000	mg/kg	1.43	27165.152	mg/kg	2.717 %		
11		lead { • lead comp specified elsewhere	oounds with the ex	ception of those	1	12	mg/kg		12	mg/kg	0.0012 %		
	-	082-001-00-6											
12	_	manganese { mang	ganese sulphate } 232-089-9	7785-87-7		490	mg/kg	2.749	1346.796	mg/kg	0.135 %		
13	~	mercury { mercury	dichloride }	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
	-	molybdenum { mol			$\vdash$								
14	~	,	215-204-7	1313-27-5	1	1	mg/kg	1.5	1.5	mg/kg	0.00015 %		
15	~	nickel { nickel sulfa 028-009-00-5	te }	7786-81-4		19	mg/kg	2.637	50.097	mg/kg	0.00501 %		





#		EU CLP index number	Determinand  EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	4	selenium { seleniur cadmium sulphose elsewhere in this A	lenide and those s			0.66	mg/kg	1.405	0.927	mg/kg	0.0000927 %		
17	4	vanadium { • divapentoxide }	nadium pentaoxid	e; vanadium		21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
18	æ.	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		39	mg/kg	2.469	96.303	mg/kg	0.00963 %		
19	0	рН		PH		7.7	рН		7.7	рН	7.7 pH		
20	9	TPH (C6 to C40) p	etroleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	9	fluorene					mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	9	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	9	fluoranthene	205-912-4			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene	ysene			<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
		(								Total:	2.889 %		

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





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

#### Sample details

Sample name: LoW Code:
S3TP38 Chapter:
Sample Depth:

1 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User enter	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4	-	<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
	æ£.			1309-04-4	H								
2	~	033-003-00-0	215-481-4	1327-53-3	-	4.2	mg/kg	1.32	5.545	mg/kg	0.000555 %		
3	æ	barium { • barium	· ·			30	mg/kg	1.7	50.986	mg/kg	0.0051 %		
	-		231-784-4	7727-43-7	-								
4	æ		•	4004 50 0	_	<0.5	mg/kg	2.775	<1.388	mg/kg	<0.000139 %		<lod< td=""></lod<>
		004-003-00-8 boron { diboron trice	215-133-1	1304-56-9	-								
5	4	005-008-00-8	215-125-8	1303-86-2		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< th=""></lod<>
6	æ	cadmium { cadmiu 048-002-00-0	m oxide } 215-146-2	1306-19-0		0.18	mg/kg	1.142	0.206	mg/kg	0.0000206 %		
7	æ	chromium in chrom	nium(III) compound			5.6	mg/kg	1.462	8.185	mg/kg	0.000818 %		
8	æ	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ\$	copper { dicopper o	oxide; copper (I) ox	<mark>kide</mark> }		6.3	mg/kg	1.126	7.093	mg/kg	0.000709 %		
		029-002-00-X	215-270-7	1317-39-1	-								
10	4	iron { • iron (III) o	<mark>xide</mark> }  215-168-2	1309-37-1		13000	mg/kg	1.43	18586.683	mg/kg	1.859 %		
11	æ	specified elsewher			1	4.7	mg/kg		4.7	mg/kg	0.00047 %		
	-	082-001-00-6	<u> </u>		-							-	
12	4	manganese { manganese { manganese }	ganese sulphate } 232-089-9	7785-87-7	-	170	mg/kg	2.749	467.256	mg/kg	0.0467 %		
13	4	mercury { mercury	dichloride }	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	4					<0.5	mg/kg	1.5	<0.75	mg/kg	<0.000075 %		<lod< td=""></lod<>
15	4			7786-81-4		8.4	mg/kg	2.637	22.148	mg/kg	0.00221 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			0.25	mg/kg	1.405	0.351	mg/kg	0.0000351 %		
17		vanadium { • divalum divalum   0 divalum	nadium pentaoxide	2; vanadium		8.2	mg/kg	1.785	14.639	mg/kg	0.00146 %		
18	~	zinc { zinc sulphate } 030-006-00-9				21	mg/kg	2.469	51.855	mg/kg	0.00519 %		
19	Θ	pН		PH		8.3	рН		8.3	рН	8.3 pH		
20	0	TPH (C6 to C40) p	etroleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	Θ	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	Θ	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	anthracene 204-371-1   120-12-7					<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene 601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
				,						Total:	1.924 %		

|--|

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





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

#### Sample details

Sample name: LoW Code:
S3TP41 Chapter:
Sample Depth:
0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index				User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimon 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tri	i <mark>oxide</mark> } 215-481-4	1327-53-3		6.4	mg/kg	1.32	8.45	mg/kg	0.000845 %		
3	4		parium {			94	mg/kg	1.7	159.755	mg/kg	0.016 %		
4	æ						mg/kg	2.775	1.943	mg/kg	0.000194 %		
5	4	boron { <mark>diboron trio</mark> 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.56	mg/kg	3.22	1.803	mg/kg	0.00018 %		
6	4	cadmium { cadmiur 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.21	mg/kg	1.142	0.24	mg/kg	0.000024 %		
7	4	chromium in chromium(III) compounds { Chromium(III) oxide (worst case) }				18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o			T	15	mg/kg	1.126	16.888	mg/kg	0.00169 %		
10	4	iron { • iron (III) ox	kide }  215-168-2	1309-37-1		18000	mg/kg	1.43	25735.407	mg/kg	2.574 %		
11	4	lead { • lead comp specified elsewhere			1	30	mg/kg		30	mg/kg	0.003 %		
12	4	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		470	mg/kg	2.749	1291.825	mg/kg	0.129 %		
13	4	mercury { mercury		7487-94-7		0.06	mg/kg	1.353	0.0812	mg/kg	0.00000812 %		
14	4	molybdenum { moly	ybdenum(VI) oxide 215-204-7	} 1313-27-5		0.9	mg/kg	1.5	1.35	mg/kg	0.000135 %		
15	4	nickel { <mark>nickel sulfa</mark> 028-009-00-5	te } 232-104-9	7786-81-4		15	mg/kg	2.637	39.55	mg/kg	0.00396 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A	lenide and those s			0.56	mg/kg	1.405	0.787	mg/kg	0.0000787 %		
17	4	vanadium {	nadium pentaoxide	9; vanadium		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
18	4	zinc { zinc sulphate		7446-19-7 [1] 7733-02-0 [2]		64	mg/kg	2.469	158.035	mg/kg	0.0158 %		
19	0	рН		PH		6.8	рН		6.8	рН	6.8 pH		
20	0	TPH (C6 to C40) p	etroleum group	ТРН		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	0	201-581-5 85-01-8 anthracene 204-371-1 120-12-7				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
	_	001-040-00-0 203-923-4 210-01-9								Total:	2.752 %		

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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





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

#### Sample details

Sample name: LoW Code:
S3TP42 Chapter:
Sample Depth:
0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index		CLP Note	licar antarad data		Conv. Factor Compound conc.		Classification value	MC Applied	Conc. Not Used		
1	4	antimony { antimor 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	4	arsenic { arsenic tr 033-003-00-0	ioxide } 215-481-4	1327-53-3		18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		310	mg/kg	1.7	526.85	mg/kg	0.0527 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %		
5	æ	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.73	mg/kg	3.22	2.351	mg/kg	0.000235 %		
6	4	cadmium { cadmiul 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		1.8	mg/kg	1.142	2.056	mg/kg	0.000206 %		
7	4	chromium in chrom		s { • 1308-38-9		34	mg/kg	1.462	49.693	mg/kg	0.00497 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< td=""></lod<>
9	4	copper { dicopper o		1		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
10	4	iron { • iron (III) ox	xide } 215-168-2	1309-37-1		33000	mg/kg	1.43	47181.579	mg/kg	4.718 %		
11	4	lead { lead compospecified elsewhere			1	33	mg/kg		33	mg/kg	0.0033 %		
12	æ å	manganese { mang	ganese sulphate } 232-089-9	7785-87-7		1400	mg/kg	2.749	3847.989	mg/kg	0.385 %		
13	4	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	4	molybdenum { mol				1.8	mg/kg	1.5	2.7	mg/kg	0.00027 %		
15	4	nickel { nickel sulfa		7786-81-4		40	mg/kg	2.637	105.467	mg/kg	0.0105 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	4	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			1.4	mg/kg	1.405	1.967	mg/kg	0.000197 %		
17	4	vanadium { <sup>a</sup> dival	nadium pentaoxide	e; vanadium		46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
18	4	zinc { <mark>zinc sulphate</mark> 030-006-00-9		7446-19-7 [1] 7733-02-0 [2]		250	mg/kg	2.469	617.324	mg/kg	0.0617 %		
19	0	рН		PH		7.8	рН		7.8	рН	7.8 pH		
20	0	TPH (C6 to C40) p	etroleum group	ТРН		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	0	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	Θ	201-581-5 85-01-8 anthracene 204-371-1 120-12-7				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	204-371-1   120-12-7   uoranthene   205-912-4   206-44-0				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
	_	001-040-00-0 200-925-4 210-01-9								Total:	5.252 %		

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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





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

#### Sample details

Sample name: LoW Code:
S3TP43 Chapter:
Sample Depth:
0.8 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

# **Hazard properties**

None identified

#### **Determinands**

#		Determinand  EU CLP index			CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	æ	antimony { antimon 051-005-00-X	ny trioxide } 215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	æ	arsenic { arsenic tri	i <mark>oxide</mark> } 215-481-4	1327-53-3		28	mg/kg	1.32	36.969	mg/kg	0.0037 %		
3	4	barium { • barium	sulfate } 231-784-4	7727-43-7		78	mg/kg	1.7	132.562	mg/kg	0.0133 %		
4	æ <b>\$</b>						mg/kg	2.775	1.665	mg/kg	0.000167 %		
5	4	boron { diboron trio	oxide; boric oxide } 215-125-8	1303-86-2		<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<lod< th=""></lod<>
6	4	cadmium { <mark>cadmiur</mark> 048-002-00-0	<mark>m oxide</mark> } 215-146-2	1306-19-0		0.15	mg/kg	1.142	0.171	mg/kg	0.0000171 %		
7	4	chromium in chrom		s { ®		8.7	mg/kg	1.462	12.716	mg/kg	0.00127 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o			T	8	mg/kg	1.126	9.007	mg/kg	0.000901 %		
10	4	iron { • iron (III) ox	<mark>kide</mark> }  215-168-2	1309-37-1		17000	mg/kg	1.43	24305.662	mg/kg	2.431 %		
11	4	lead { lead comp specified elsewhere 082-001-00-6			1	6.9	mg/kg		6.9	mg/kg	0.00069 %		
12	æ	manganese { mang	g <mark>anese sulphate</mark> } 232-089-9	7785-87-7		240	mg/kg	2.749	659.655	mg/kg	0.066 %		
13	æ	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< th=""></lod<>
14	æ	molybdenum { moly	ybdenum(VI) oxide 215-204-7	1313-27-5		0.9	mg/kg	1.5	1.35	mg/kg	0.000135 %		
15	4	nickel { nickel sulfa: 028-009-00-5	te } 232-104-9	7786-81-4		12	mg/kg	2.637	31.64	mg/kg	0.00316 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16	Ĭ	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			0.4	mg/kg	1.405	0.562	mg/kg	0.0000562 %		
17		vanadium { divanadium pentaoxide; vanadium pentoxide }  223-001-00-8				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
18	~	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		33	mg/kg	2.469	81.487	mg/kg	0.00815 %		
19	0	pН		PH		8.2	рН		8.2	рН	8.2 pH		
20	0	TPH (C6 to C40) p	etroleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	Θ	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	0					<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene 601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
										Total:	2.535 %		

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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





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

#### Sample details

Sample name: LoW Code:
S3TP39 Chapter:
Sample Depth:
0.5 m Entry:

17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

17 05 04 (Soil and stones other than those mentioned in 17 05 03)

## **Hazard properties**

None identified

#### **Determinands**

#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
1	4	antimony { antimor 051-005-00-X	ny trioxide }	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<lod< th=""></lod<>
2	æ\$	arsenic { arsenic tr	ioxide } 215-481-4	1327-53-3		8.6	mg/kg	1.32	11.355	mg/kg	0.00114 %		
3	4	barium { • barium	sulfate }	7727-43-7		110	mg/kg	1.7	186.947	mg/kg	0.0187 %		
4	4	beryllium { beryllium 004-003-00-8	<mark>m oxide</mark> } 215-133-1	1304-56-9		0.7	mg/kg	2.775	1.943	mg/kg	0.000194 %		
5	æ\$	boron { diboron tric 005-008-00-8	oxide; boric oxide } 215-125-8	1303-86-2		0.51	mg/kg	3.22	1.642	mg/kg	0.000164 %		
6	æ\$	cadmium { cadmiu 048-002-00-0	m oxide }  215-146-2	1306-19-0		0.62	mg/kg	1.142	0.708	mg/kg	0.0000708 %		
7	4	chromium in chrom		ls { • • • • • • • • • • • • • • • • • •		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
8	4	chromium in chromoxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<lod< th=""></lod<>
9	æ	copper { dicopper o		1		9.8	mg/kg	1.126	11.034	mg/kg	0.0011 %		
10	4	iron { • iron (III) ox	<mark>xide</mark> }  215-168-2	1309-37-1		29000	mg/kg	1.43	41462.6	mg/kg	4.146 %		
11	4	lead {			1	10	mg/kg		10	mg/kg	0.001 %		
12	æ\$	082-001-00-6 manganese { mang 025-003-00-4	ganese sulphate }	7785-87-7		1100	mg/kg	2.749	3023.42	mg/kg	0.302 %		
13	_	mercury { mercury		7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<lod< td=""></lod<>
14	-	molybdenum { mol				1.1	mg/kg	1.5	1.65	mg/kg	0.000165 %		
15	4	nickel { nickel sulfa		7786-81-4		28	mg/kg	2.637	73.827	mg/kg	0.00738 %		





#		EU CLP index number	Determinand EC Number	CAS Number	CLP Note	User entere	ed data	Conv. Factor	Compound	conc.	Classification value	MC Applied	Conc. Not Used
16	<b>4</b>	selenium { seleniur cadmium sulphose elsewhere in this A 034-002-00-8	lenide and those s			0.66	mg/kg	1.405	0.927	mg/kg	0.0000927 %		
17	4	vanadium { divalue   dival	nadium pentaoxide	9; vanadium		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
18	~	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		42	mg/kg	2.469	103.71	mg/kg	0.0104 %		
19	0	pН		PH		8	рН		8	рН	8pH		
20	0	TPH (C6 to C40) p	etroleum group	TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<lod< th=""></lod<>
21	0	fluorene	201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
22	0	phenanthrene	201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
23	0	anthracene	204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
24	0	fluoranthene	205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
25	0	pyrene	204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
26		chrysene	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<lod< th=""></lod<>
										Total:	4.495 %		

|--|

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





#### 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

#### • iron (III) oxide (EC Number: 215-168-2, CAS Number: 1309-37-1)

Description/Comments:

Data source: C&L Inventory, Registered Substances database, SDS: Sigma-Aldrich dated 19/09/2012 (REACH compliant)

Data source date: 21 May 2015

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335

#### 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

#### divanadium pentaoxide; vanadium pentoxide (EC Number: 215-239-8, CAS Number: 1314-62-1)

GB MCL index number: 023-001-00-8

Description/Comments: Hazard statements H301, H330, H350 added by HazWasteOnline due to ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be Carc. 1B; H350. The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

Additional Hazard Statement(s): Carc. 1B; H350 , Acute Tox. 3; H301 , Acute Tox. 2; H330

Reason for additional Hazards Statement(s):

20 Sep 2022 - Carc. 1B; H350 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be Carc. 1B; H350. The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

28 Sep 2022 - Acute Tox. 3; H301 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be "Acute tox 3; H301". The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

28 Sep 2022 - Acute Tox. 2; H330 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be "Acute tox 2; H330". The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

#### pH (CAS Number: PH)

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

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

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

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

Additional Hazard Statement(s): EUH032 >= 0.2 % Reason for additional Hazards Statement(s):

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

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

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

Data source: WM3 1st Edition 2015 Data source date: 25 May 2015

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

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

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351 Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

H411

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

Chronic 1; H410, Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

#### • fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database

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

Data source date: 21 Aug 2015

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

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

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

Data source: http://echa.europa.eu/web/quest/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

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#### • 1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane

Data source: N/a

Data source date: 14 Oct 2016

Hazard Statements: Flam. Liq. 2; H225, Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 1B; H350, Aquatic

Chronic 3; H412

#### • 2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319

#### bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H312, Skin Corr. 1B; H314, Eye Dam. 1; H318, Acute Tox. 4; H332, STOT SE 3; H335, Skin Irrit. 2; H315, Ozone

1· H420

#### • bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Dam. 1; H318, Eye Irrit. 2; H319, STOT SE 3; H335, Muta. 1B; H340, Carc. 1B;

H350, Repr. 1A; H360

#### trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Acute Tox. 3; H301, Asp. Tox. 1; H304, Acute Tox. 3; H311, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, Aquatic Chronic 1; H410

#### 1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

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

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, STOT SE 3; H336, Muta. 2; H341, Aquatic Chronic 2; H411

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

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H310, Eye Irrit. 2; H319, Acute Tox. 3; H331, Eye Dam. 1; H318, Acute Tox. 4; H332, Carc. 2; H351, Acute Tox. 4; H312, Aquatic Chronic 3; H412, Skin Irrit. 2; H315

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

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304, Aquatic Chronic 2; H411

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

Description/Comments: VOC: Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Aquatic Chronic 2; H411





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

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Chronic 2; H411

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

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: VOC; Data from C&L Inventory Database

Data source: https://echa.europa.eu/web/quest/information-on-chemicals/cl-inventory-database

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, STOT SE 3; H336, Aquatic Acute 1; H400, Aquatic

Chronic 3: H410

#### polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

GB MCL index number: 602-039-00-4

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

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.

Additional Hazard Statement(s): Carc. 1A; H350 Reason for additional Hazards Statement(s):

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

#### barium sulfate (EC Number: 231-784-4, CAS Number: 7727-43-7)

Description/Comments: No hazard statements

Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/89983

Sigma Aldrich SDS dated 15/4/19 Data source date: 02 Apr 2020 Hazard Statements: None.

#### Appendix B: Rationale for selection of metal species

#### arsenic {arsenic trioxide}

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

### boron {diboron trioxide; boric oxide}

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

#### cadmium {cadmium oxide}

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

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

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

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

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

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

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

#### iron (iron (III) oxide)

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Site not heavy industrial and as such, major source likely from natural strata

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

No significant quantities of Cr(VI) to form worst case species (lead chromate) therefore second worst case species chosen instead, based on hazard statements/molecular weight.

#### mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight

#### nickel {nickel sulfate}

No significant quantities of Cr(VI) to form worst case species (nickel chromate) therefore second worst case species chosen instead, based on hazard statements/molecular weight.

#### selenium (selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex)

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

#### vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case CLP species based on hazard statements/molecular weight

#### zinc {zinc sulphate}

No significant quantities of Cr(VI) to form worst case species (zinc chromate) therefore second worst case species chosen instead, based on hazard statements/molecular weight.

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]

#### antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings

#### barium {barium sulfate}

No significant quantities of Cr(VI) to form worst case species (barium chromate) therefore second worst case species chosen instead, based on hazard statements/molecular weight.

#### beryllium {beryllium oxide}

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

## manganese {manganese sulphate}

Worst case CLP species based on hazard statements/molecular weight

#### molybdenum (VI) oxide)

Worst case CLP species based on hazard statements/molecular weight

#### Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2023.111.5569.10274 (22 Apr 2023)
HazWasteOnline Database: 2023.111.5569.10274 (22 Apr 2023)

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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