



NEAL SOIL SUPPLIERS LIMITED

Review Report – Restoration Soils

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1.Objectives

To ensure full and correct review of the materials based with the intention of restoring the landfill at Croes-Carn-Einon Farm, Holly Lane, Rhiwderin, Newport, NP10 8RR. The material will be assessed against the acceptance criteria.

Previous data has been submitted to Natural Resources Wales for review; however, this document is to report on the updated sampling plan and review of the material for the intended end use.

Sampling population will be conducted on a stockpile in line with the requirements of WM3 appendix D. The process will consider the potential impact of the importation and whether any additional treatment or considerations need to be reviewed.

2.Material Description & End of Waste Status

The material under consideration is a soil-like output derived from a wash plant process. The characteristics of the material have been assessed against the conditions required for achieving End of Waste (EoW) status and demonstrate compliance with the relevant criteria, as set out below:

1. Intended Use

The material is intended for use in landfill restoration. This constitutes a clear, beneficial application that is consistent with recognised end uses for recovered soils.

2. Market Demand

There is an established and ongoing demand for suitable materials to support landfill restoration activities. This demand is confirmed in relation to the specific site where the material is to be utilised, ensuring that the recovered material has a defined market outlet.

3. Technical Standard

The material meets the technical standards required for its end use. In this case, it complies with site-specific requirements for landfill restoration. Furthermore, the quality of the material aligns with benchmarks that could be assessed and justified under the Contaminated Land Exposure Assessment (CLEA) Soil Guideline Values (SGVs) system, providing confidence in its suitability.

4. No Overall Adverse Environmental or Health Impacts

The material has been evaluated against human health criteria in accordance with SGVs and the Waste Classification Technical Guidance (WM3 v1.2 GB). This assessment confirms that the material does not present overall adverse environmental or health impacts, supporting its suitability as a non-waste material for the proposed use.

The soil-like output from the wash plant satisfies the key conditions for End of Waste status. It has a defined beneficial use, a proven market demand, meets relevant technical standards, and poses no unacceptable risks to human health or the environment.

3.Criteria for Assessment & Characterisation

Review of the data will fall in line with the requirements of acceptance criteria that have been decided, the materials will be reviewed against CLEA SGV, in particular Public Open Space. Key details covered:

- Acceptance Parameters

- Sampling Plan
- CLEA SGV & HazWasteOnline (HWOL) Review

4. NSSL Permit Introduction

NSSL hold an environmental permit at Atlantic Eco-Park, Newton Road, Cardiff, CF3 2EJ, National Grid Reference (NGR) ST 239 783, the environmental permit number for this operation is EPR/VP3095FS and was issued by Natural Resources Wales. The permit is split into three main overview sections:

a. Permit Sections

i. Washing Plant:

Hazardous and non-hazardous waste will be accepted for processing. The throughput of the wash plant is 350,000 tonnes per year. The wash plant is a fixed unit sited on an impermeable surface with a sealed drainage system (to sealed sump). The wash plant is an enclosed system with all water used within the system recycled as part of the wash activity and recirculated within the process. This is primarily achieved through a wastewater treatment process which captures waste waters from the wash plant and provides treatment using flocculation agents, and aeration to aid the process. The only off-site transfers are the oil-based wastes from the DAF unit and residues skimmed from the top of the flocculation tank which are disposed of at a suitable location.

ii. Soil and Aggregate Processing Facility:

Throughput of the soil and aggregate processing facility is 649,000 tonnes per year. No hazardous waste is accepted. Waste material accepted onto site is screened and sorted to remove any contaminants and inert materials, prior to placement on to land. The inert materials are crushed and screened for recovery purposes. Only non-hazardous waste can be treated for recovery.

iii. Waste Transfer Station:

Hazardous and non-hazardous waste will be accepted for waste transfer only. There shall be no treatment of waste. The annual throughput will not exceed 4,999 tonnes.

The combined annual throughput capacity for the site is 1,003,999 tonnes.

b. Restoration Soils

Waste that will produce the restoration soil will be accepted into the washing plant for further processing; this is known within the permit as an A1 activity reference and allows the permit holder with caveats to allow treatment of waste using the following processes.

- Physical sorting or separation of waste into different components.
 - Screening
 - Blending
 - Crushing
 - Mechanical & Manual Sorting/Separation
 - Washing

The wash plant operated by NSSL is designed to process a wide range of incoming materials and to recover soil suitable for use in restoration applications. The system uses a series of mechanical and water-based separation techniques to remove unwanted fractions and produce consistent, high-quality soil-like output.

The process begins with the screening of inbound material to remove oversize items such as rubble, wood, plastics, and other contaminants. Following this initial stage, the material undergoes a washing process where fine particles are separated from coarser aggregates using water and vibration. Heavier inert fractions, such as sand and gravel, are recovered, while lightweight contaminants (e.g. organics and plastics) are floated off and removed.

Through a combination of hydrocyclones, settling tanks, and dewatering screens, silts and clays are efficiently managed, ensuring that the recovered soil fraction is cleaned to a specification suitable for beneficial use. The process is supported by continual quality checks and monitoring to verify that the output material meets both site-specific requirements and broader environmental standards.

Further conditioning of the materials, through the washing process allow the removal of trace contaminants allowing for all materials to be contaminant free and the subsequent waters are then further treated to remove these trace elements.

As a result of this integrated system, the NSSL wash plant consistently produces a soil-like material that is free from significant contamination, physically stable, and demonstrably suitable for use in landfill restoration projects.

5. CLEA SGV & WM3 Assessment

To fully assess the requirements of CLEA SGVs & WM3, we need to consider the testing parameters and set out why these will be suitable based on the knowledge of the inbound materials.

Using 'Table 3.3' of WM3, which is an example of waste soil assessment. We have derived the following criteria to assess against. The criteria have been expanded to include parameters that NSSL considers to be a useful data set to assess against.

It is also a considered approach from measurement against the CLEA SGVS, in this case it is a reasonable approach to consider them against open space guidance.

Table 5.1 – Assessment Parameters

Aspect	Parameter/Measure
Inorganic Parameters	Cd, Hg, Pb, Ni, Cr (III & VI Speciated), Cu, Zn, As, Se, B, V
Petroleum Hydrocarbons	C6 – C40 (TPH CWG)
Polyaromatic Hydrocarbons	Speciated PAH (USEPA 16)
Asbestos	Fibres and physically identifiable Asbestos containing material (ACM)
Bulk Parameters	pH, Moisture Content, Cyanide, Phenol

Explanation and reasoning for assessment parameters, as explained follows the sample for an example within WM3 for waste soils and soils like waste. These parameters are found within typical waste risk assessment systems and are a catch all basis for understanding whether waste is hazardous or non-hazardous.

6. Sampling Plan

Sampling plans are often designed for assessment of waste against WM3, however the same principles will be applied to ensure that process of understanding the likelihood of problematic contaminants being present are captured. The purpose of this sampling plan is to establish a structured and consistent methodology for collecting representative samples of the material to support accurate waste classification under WM3 guidelines and comparison against CLEA SGV. A well-designed sampling plan ensures that the samples reflect the true characteristics and variability of the materials, enabling reliable laboratory analysis of physical and chemical properties. This data is crucial for determining whether the material is hazardous or non-hazardous, assessing compliance with regulatory requirements, and guiding decisions regarding its handling, storage, treatment, and in this circumstance reuse.

Neal Soil Suppliers Limited: Sampling Plan			
Name/Reference:	NSSL/FC/2024		
Date Prepared:	2024		
Prepared By:	Gavin Powell		
Parties Involved:	Producer/Holder	Neal Soil Suppliers Limited	
	Sampler	Neal Soil Suppliers Limited Trained Staff	
	Laboratory	Chemtech Environmental	
	Regulators	Natural Resources Wales	
Objectives:			

To enable systematic and random sampling for assessment against CLEA SGVs, and assessment against WM3 of the restoration soils for Croes-Carn-Einon Farm, Holly Lane, Rhiwderin, Newport, NP10 8RR from a particular process at Neal Soil Suppliers Limited, known as the warrior process. This will be undertaken by suitably trained personnel.

The material contains silts/clays/sands that have been removed from non-hazardous soils that have been accepted into the washing plant.

This sampling plan relates only to samples taken at the Neal Soil Suppliers Limited site.

Technical Goals:

- To determine the composition, concentration and properties of substances present within waste materials through laboratory analysis, as well as variability within the material and to determine whether the material comprises a single statistical population or two or more sub-populations.
- To assign hazardous properties and determine if any hazardous substances are present as per WM3 thresholds and cut off points.
- To assess the material against the criteria set out in the CLEA SGVs and to ensure that the technical requirements of this ensure that the end of waste criteria is met.

Background Information:

Neal Soil Suppliers Limited

Neal Soil Suppliers Limited (EPR/VP3095FS) is permitted to accept both hazardous and non-hazardous waste types, however the waste under assessment is produced from a process that accepts only non-hazardous or inert waste.

- Materials will be sourced from the processing of:
 - 17 05 04 – Non-Hazardous Soil & Stone

The inputs are consistent, and volume throughputs are regular. The waste from the process is a small fraction by weight of inputs as much of the waste is recovered in the process.

Level of testing required:

To allow for an accurate and representative continued assessment of both the inputs and outputs a composite sample will be taken at regular spatial distances to create a systemic data set, this is designed an upper confidence that the material is suitable for both Neal Soil Suppliers Limited and subsequent re-use at Croes-Carn-Einon Farm.

Constituents to be tested:

Parameter	Determinand	Comments
Inorganic Parameters	Cd, Hg, Pb, Ni, Cr (III & VI Speciated), Cu, Zn, As, Se, B, V	Acid Digest Method Exc. Boron – Water Soluble
Petroleum Hydrocarbons	TPH – C6-C40 (TPH CWG)	Includes clean-up phase
Polyaromatic Hydrocarbons	PAH Speciated	USEPA 16 Species
Asbestos	Asbestos Qualification & Quantification	
Other Parameters	pH, Cyanide, Phenol, Moisture Content,	

Health and Safety Precautions and Access Restrictions:

Sampling will be undertaken on an active waste management site and will involve various potential hazards associated with the individual waste being sampled and the working area. A risk assessment has been completed for sampling on site and can be found on the H&S system for Neal Soil Suppliers Limited. All other site rules must be observed during the sampling process.

Sampling Approach:	
Population	The restoration soil is produced by a single process that does not change or vary, and its entire output is considered the wider population. The population of the waste to be sampled for assessments is a continuous stream of waste produced by a production process over a period of sufficient length determining the variability of the output waste. The inputs to the process are other wastes, produced by processing two well defined waste types. Whilst the process and the outputs appear consistent, because each of the input waste could potentially vary in the proportion of their constituents, the restoration soil process should initially be the continuous production of a heterogeneous stream of waste. The population of the material is a continuous fraction contained in the washing plant area: • Restoration Soils Output Zone • Washing Plant Input Zone Using the probabilistic approach means sampling has an equal chance of sampling any individual part of a material stream and implies that the entire population is accessible for sampling. The approach enables the reliability of the resulting conclusions to be quantified statistically.
Sub-Population	To sample materials of this nature and to gain insight into the heterogeneity of the population, initially the material needs to be considered to be a series of sub-populations. As the waste feedstock to the process is consistent, it is not possible to apply judgmental sampling of the process waste as might be applied when different feedstocks are used at different times. Instead, all that can be said is that the output composition could vary with time because of subtle variability in the composition of input wastes. Given that the restoration soil is most likely to be homogeneous post process and does not contain any sub-populations that are anticipated to alter the assessment then simple random sampling will be applied. In 'simple random sampling' the samples are taken at random from the population. Every part of the population has an equal chance of being sampled, but the spread across the population may not be even. This method of sampling may not be appropriate where the population can be divided into sub-populations or strata.
Variability and causes	The testing objective is to provide sufficient test data to define the temporal variation in the waste such that the population variability is understood and the classification process of the wider population can be carried out. This requires the scale of the sampling to be considered as it needs to be sufficiently large to capture any changes in the feedstock but small enough to provide a dataset large enough to statistically characterize the waste. Restoration Soil None Identified – Process consistent and efficient.
Scale of Sampling	A stockpile of material has been set aside a protracted period allowing sampling to span a larger temporal period, thus allowing stratified random sampling to occur as per the sampling regime outlined below.
Practical Instructions and Sampling Methodology:	
Name and organisation of sampler	Neal Soil Suppliers Limited • Waste Sampling Team • Waste Technical Team

Name/Organisation of other parties present during sampling	Neal Soil Suppliers Limited - Machine Operators - Banksman												
Sampling approach and pattern (Including justification)	As the material has already been stockpiled, random spot sampling will be undertaken by two different team members to avoid systematic bias. Sampling approach will be a simple random sampling (probabilistic) approach where the population of waste is a single population, and the random selection allows the population to have every chance of being sampled. The samples are obtained randomly from each population from five points consisting of the following (Four from the corners and one from the center of the pile) as shown below: N.B. the spots highlighted below are an example and will differ from the exact sampling method. <table><tr><td>①</td><td></td><td></td></tr><tr><td></td><td>③</td><td>②</td></tr><tr><td></td><td></td><td>⑤</td></tr><tr><td>④</td><td></td><td></td></tr></table> Samples will be collected at each point using a shovel, approximately 2kgs will be taken from each location; to provide a total sample of 10kg, this composite sample will then be sub-divided into sub-samples that are packaged accordingly and sent to the laboratory for testing. Please note that the diagrams show potential locations within populations and in my way no means a pre-judgmental application for sampling regimes.	①				③	②			⑤	④		
①													
	③	②											
		⑤											
④													
Identify the sample place and points	Materials will be taken from the stockpiled material which is being held in a designated post process zone in-line with site operations. Sampling points as per the grid system above, however this is to be random.												
Practical instructions and sampling methodology:													
Sampling equipment	Shovel/Trowel. 25L Rubble Sacks. Laboratory supplied 500g plastic tub/250ml amber jar/60ml amber jar. Sample Boxes												
Sample details. - Individual or composite - No. of samples / Increments - Size of samples / increments	Individual samples will be collected from each area as outlined above. Each individual sample will consist of a minimum of 2kg. Each sample will then be placed into a larger rubble bag to form a composite sample of 10kg. The sample will then be mixed and sub divided into quarters and then three quarters discarded. The remaining quarter will then be used to fill the containers for the laboratory. The containers will then be placed into a sample box for transport.												
Requirements for on-site determinations	N/A												
Sample Ref. number methodology	Sample 01 - Sample 20												

Anticipated restrictions or limitations that may impact data reliability	We don't anticipate any restrictions. However, this is to be reviewed if this changes.
Sub-Sampling:	
Detail Procedure used:	None required
Packaging, preservation, storage, and transport requirements	
Packaging (type, size, material considering risk of adsorption/reaction, cleaning etc.)	Each sample will be: 1 x 500g plastic tub, 1x 250ml jar and 1x 60ml Sample Jar.
Preservation (samples shall be packed and transported in such a way that their condition at the time of sampling is preserved)	Containers will be filled to the top so minimal headspace exists, lids firmly placed on or screwed on in case of jars and the samples will be placed into the containers supplied by the laboratory.
Storage	Chemtech Transport Container
Transport method	Courier next working day to Laboratory
Analytical Laboratory:	
Company Name & Details;	Chemtech Environmental

7. Review and Assessment of Restoration Soils

Reviewing laboratory data is a critical step in the WM3 assessment of restoration soils and the determination of hazardous or non-hazardous to ensure compliance with WM3 classification regulations and environmental standards. Laboratory data provides detailed information on the material's physical and chemical properties, such as contaminant concentration, leaching potential, and hazardous characteristics. This data is essential for accurately determining whether the fines are classified as hazardous or non-hazardous waste under WM3 guidelines. Moreover, the review helps identify any potential risks associated with the material, supports decisions on its safe handling and re-use, and evaluates its suitability for reuse or recovery applications. By thoroughly assessing the laboratory data, NSSL can then determine the correct methodology for handling and transport of the material.

The 'Lab Reports' and 'HWOL Files' can be found in the appendices to this document and the analysis has revealed that every sample has been subjected to WM3 assessment has determined that the material were suitable for CLEA SGV review and WM3 Assessment (Non-Hazardous outcome).

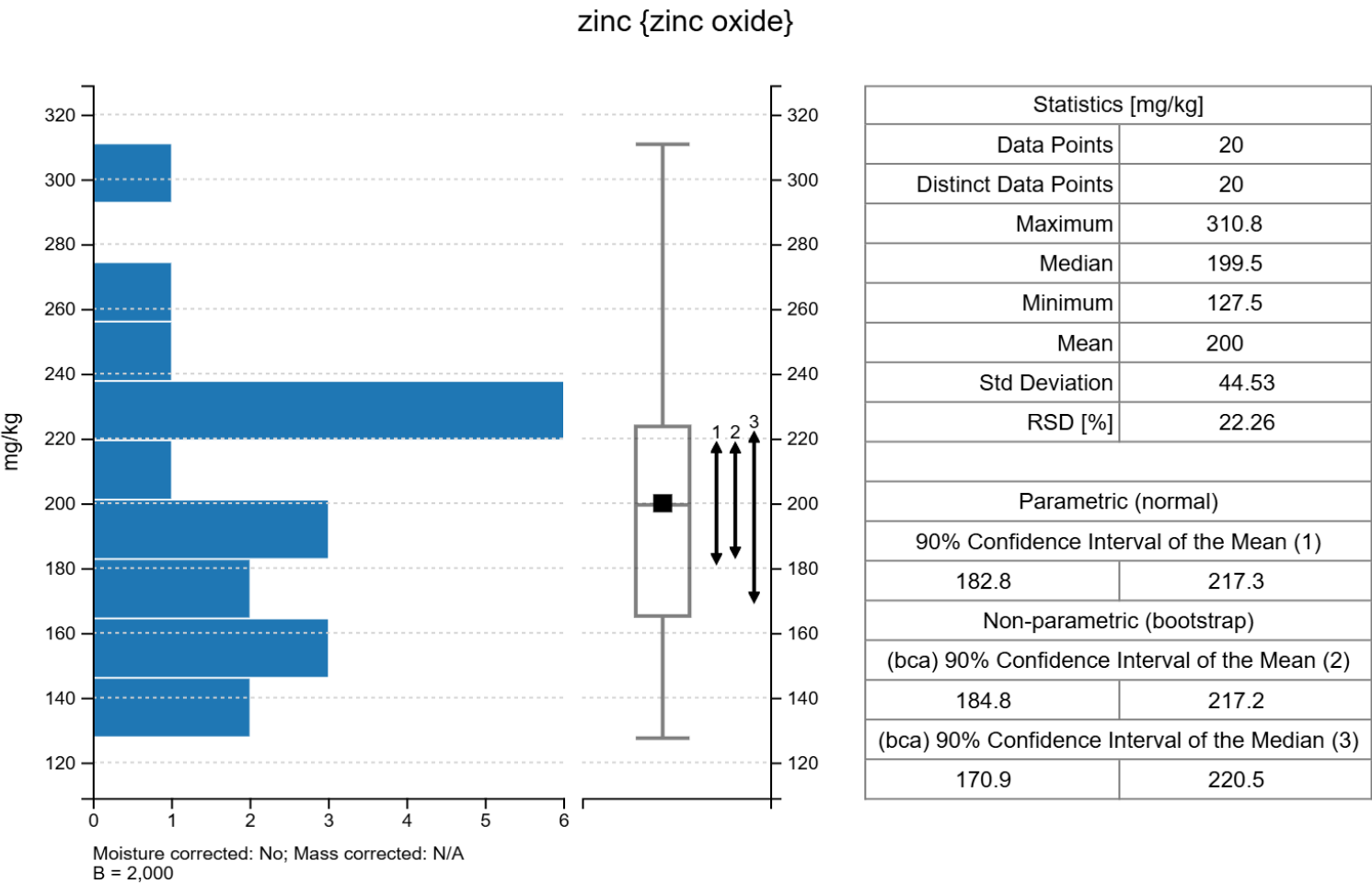
Sample Number	Report Number	WM3 Assessment	CLEA SGVs Assessment (Public Open Space)
Sample 1	134773/134774	Non-Hazardous	Suitable
Sample 2	134773/134774	Non-Hazardous	Suitable
Sample 3	134773/134774	Non-Hazardous	Suitable
Sample 4	134773/134774	Non-Hazardous	Suitable
Sample 5	134773/134774	Non-Hazardous	Suitable
Sample 6	134773/134774	Non-Hazardous	Suitable
Sample 7	134773/134774	Non-Hazardous	Suitable
Sample 8	134773/134774	Non-Hazardous	Suitable
Sample 9	134773/134774	Non-Hazardous	Suitable
Sample 10	134773/134774	Non-Hazardous	Suitable
Sample 11	134773/134774	Non-Hazardous	Suitable
Sample 12	134773/134774	Non-Hazardous	Suitable
Sample 13	134773/134774	Non-Hazardous	Suitable

Sample 14	134773/134774	Non-Hazardous	Suitable
Sample 15	134773/134774	Non-Hazardous	Suitable
Sample 16	134773/134774	Non-Hazardous	Suitable
Sample 17	134773/134774	Non-Hazardous	Suitable
Sample 18	134773/134774	Non-Hazardous	Suitable
Sample 19	134773/134774	Non-Hazardous	Suitable
Sample 20	134773/134774	Non-Hazardous	Suitable

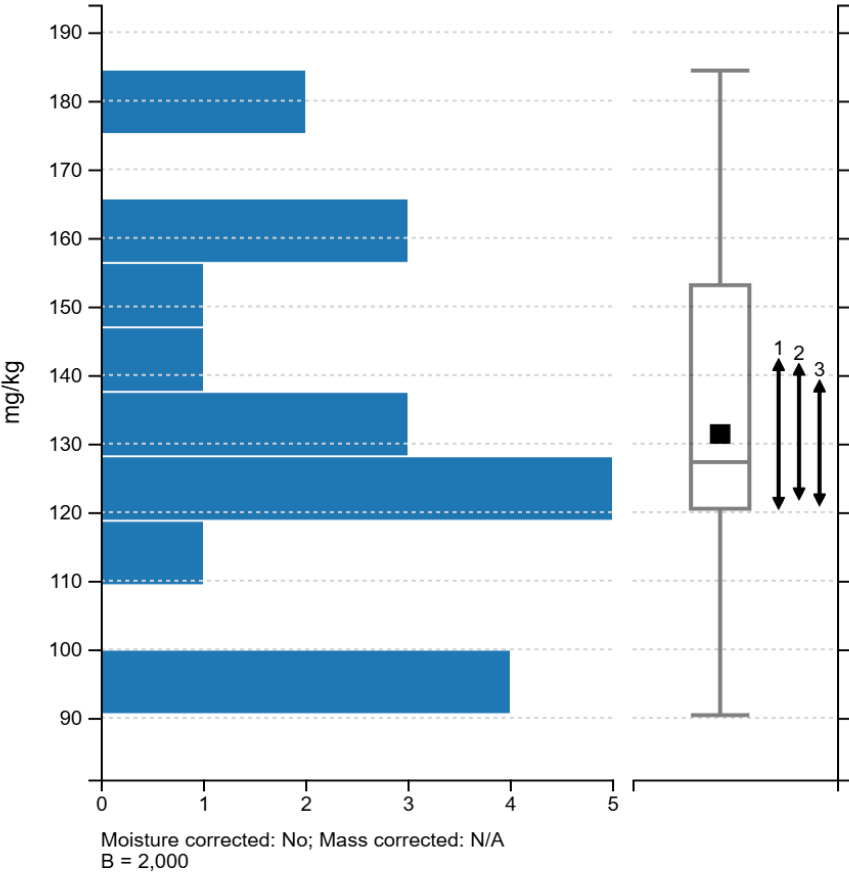
a. Statistical Review of Data

The testing regime has allowed several aspects of the chemistry of the restoration soils to be examined, these include the variability in concentration of substances, their statistical distribution and whether the data points toward the presence of more than one population.

The data reveals that the entire datasets for all parameters lie well below the hazardous waste threshold. Whisker plots of this are shown below, each of which has the pattern of Waste A of Figure D3 of Annex D of the WM3 guidance.

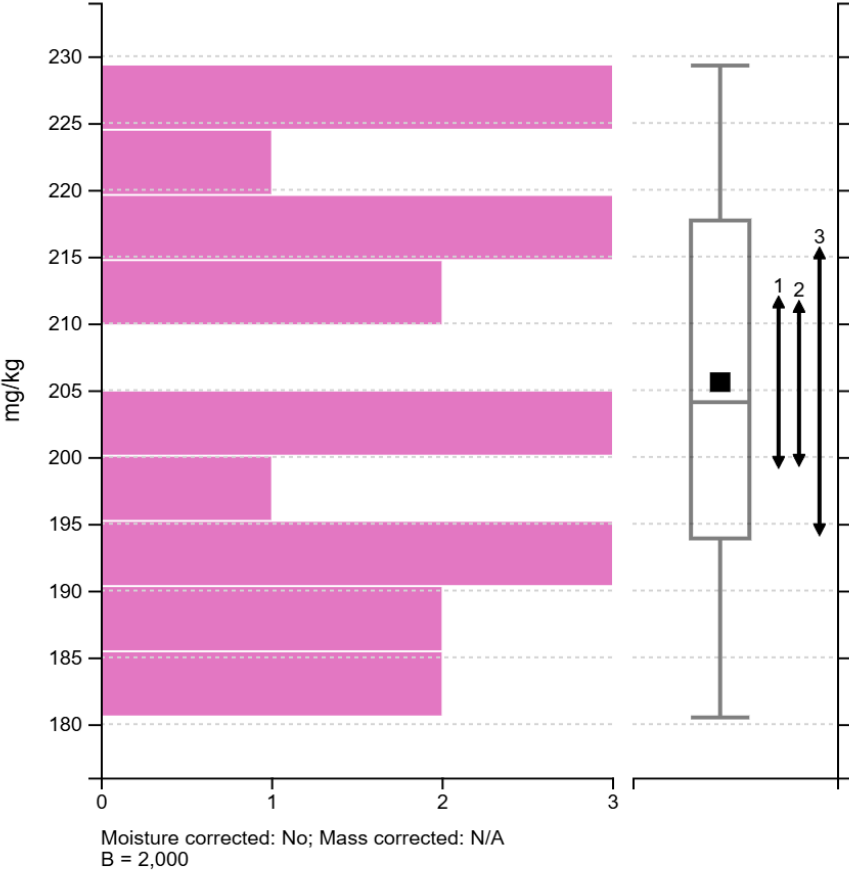


TPH (C6 to C40) petroleum group



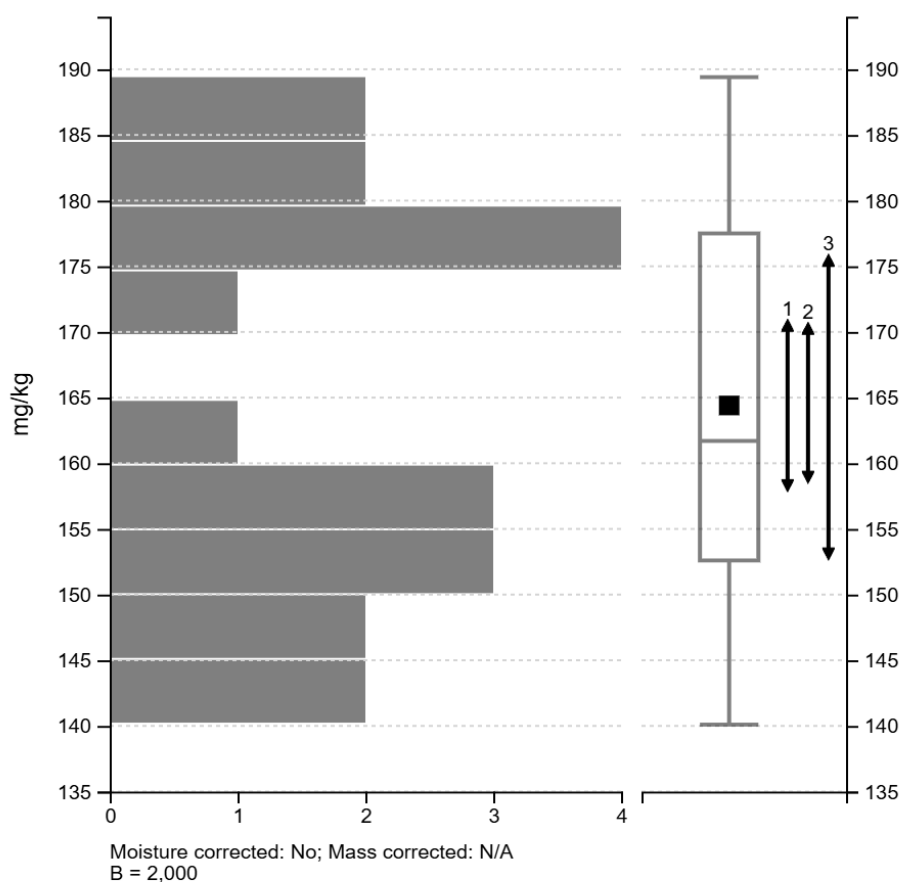
Statistics [mg/kg]	
Data Points	20
Distinct Data Points	20
Maximum	184.4
Median	127.3
Minimum	90.4
Mean	131.4
Std Deviation	26.11
RSD [%]	19.87
Parametric (normal)	
90% Confidence Interval of the Mean (1)	
121.3	141.5
Non-parametric (bootstrap)	
(bca) 90% Confidence Interval of the Mean (2)	
122.7	140.8
(bca) 90% Confidence Interval of the Median (3)	
121.8	138.4

copper {dicopper oxide; copper (I) oxide}



Statistics [mg/kg]	
Data Points	20
Distinct Data Points	19
Maximum	229.3
Median	204.1
Minimum	180.5
Mean	205.6
Std Deviation	15.56
RSD [%]	7.567
Parametric (normal)	
90% Confidence Interval of the Mean (1)	
199.6	211.6
Non-parametric (bootstrap)	
(bca) 90% Confidence Interval of the Mean (2)	
199.7	211.3
(bca) 90% Confidence Interval of the Median (3)	
194.6	215.3

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



Statistics [mg/kg]	
Data Points	20
Distinct Data Points	20
Maximum	189.4
Median	161.7
Minimum	140.1
Mean	164.4
Std Deviation	15.81
RSD [%]	9.617
Parametric (normal)	
90% Confidence Interval of the Mean (1)	
158.3	170.5
Non-parametric (bootstrap)	
(bca) 90% Confidence Interval of the Mean (2)	
158.9	170.3
(bca) 90% Confidence Interval of the Median (3)	
153.1	175.4

8. HWOL & Laboratory Document Review

Each of the laboratory test certificates has been used to populate a new HazWasteOnline assessment. The assessments each show that material is not hazardous. Each of the assessment outputs is provided in the attached appendix. There has been a subsequential review of the information in line with the SGVS, this can be found within the document system.

9. Appendices



ANALYTICAL TEST REPORT

Contract no: 134773

Contract name: Neal Soils (NS)

Client reference: -

Clients name: Neal Soil Suppliers

Clients address: Ty-To-Maen Farm
Newton Road
Rumney, Cardiff
CF3 2EJ

Samples received: 28 May 2024

Analysis started: 28 May 2024

Analysis completed: 03 June 2024

Report issued: 03 June 2024

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Abbie Neasham-Bourn
Senior Reporting Administrator

Chemtech Environmental Limited

SAMPLE INFORMATION

MCERTS (Soils):

Soil descriptions are only intended to provide a log of sample matrices with respect to MCERTS validation. They are not intended as full geological descriptions. MCERTS accreditation applies for sand, clay and loam/topsoil, or combinations of these whether these are derived from naturally occurring soils or from made ground, as long as these materials constitute the major part of the sample. Other materials such as concrete, gravel and brick are not accredited if they comprise the major part of the sample.

Lab ref	Sample ID	Depth (m)	Sample description	Material removed	% Removed	% Moisture
134773-1	Sample 1	-	Soil	-	-	7.3
134773-2	Sample 2	-	Soil	-	-	7.6
134773-3	Sample 3	-	Soil	-	-	7.6
134773-4	Sample 4	-	Soil	-	-	8.3
134773-5	Sample 5	-	Soil	-	-	9.7
134773-6	Sample 6	-	Soil	-	-	5.4
134773-7	Sample 7	-	Soil	-	-	5.6
134773-8	Sample 8	-	Soil	-	-	8.6
134773-9	Sample 9	-	Soil	-	-	8.8
134773-10	Sample 10	-	Soil	-	-	5.2
134773-11	Sample 11	-	Soil	-	-	7.0
134773-12	Sample 12	-	Soil	-	-	7.5
134773-13	Sample 13	-	Soil	-	-	9.5
134773-14	Sample 14	-	Soil	-	-	5.2
134773-15	Sample 15	-	Soil	-	-	8.0
134773-16	Sample 16	-	Soil	-	-	9.3
134773-17	Sample 17	-	Soil	-	-	7.3
134773-18	Sample 18	-	Soil	-	-	6.6
134773-19	Sample 19	-	Soil	-	-	6.1
134773-20	Sample 20	-	Soil	-	-	8.2

Chemtech Environmental Limited

SOILS

Lab Number					134773-1	134773-2	134773-3	134773-4	134773-5
Sample ID					Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Depth (m)									
Sampling Date					27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Metals									
Arsenic (total)	CE264	U	1.8	mg/kg	11.7	14.3	17.1	20.1	20.7
Boron (Water Soluble)	CE063	N	0.5	mg/kg	2.31	2.17	2.39	2.33	2.14
Beryllium (total)	CE264	M	0.2	mg/kg	1.3	1.1	1.0	1.3	1.4
Cadmium (total)	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium (Total)	CE264	U	2	mg/kg	28.6	30.0	28.3	36.1	31.8
Chromium (III)	CE208	N	2	mg/kg	28.6	29.9	28.3	36.1	31.8
Chromium (VI)	CE263	N	0.04	mg/kg	<0.040	0.075	<0.040	<0.040	0.043
Copper (total)	CE264	M	1.6	mg/kg	196.8	172.8	191.2	170.6	172.8
Lead (total)	CE264	U	2.3	mg/kg	141.5	184.5	145.2	155.4	177.0
Mercury (total)	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel (total)	CE264	M	2.1	mg/kg	39.9	42.5	44.3	34.8	31.6
Selenium (total)	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Vanadium (total)	CE264	U	1.8	mg/kg	27.9	41.5	29.7	36.8	41.4
Zinc (total)	CE264	M	4	mg/kg	150.6	182.0	134.1	102.4	206.1
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.268	0.422	0.149	0.150	0.435
Acenaphthylene	CE087	M	0.015	mg/kg	<0.019	0.053	0.034	0.074	0.025
Acenaphthene	CE087	M	0.013	mg/kg	0.030	0.213	0.202	0.067	0.213
Fluorene	CE087	U	0.013	mg/kg	0.216	0.241	0.172	0.119	0.241
Phenanthrene	CE087	M	0.014	mg/kg	0.446	0.291	1.292	0.904	0.504
Anthracene	CE087	U	0.017	mg/kg	0.430	1.244	0.431	0.848	0.827
Fluoranthene	CE087	M	0.017	mg/kg	0.301	2.587	1.816	0.966	1.103
Pyrene	CE087	M	0.016	mg/kg	1.757	1.293	1.611	1.441	1.662
Benzo(a)anthracene	CE087	U	0.012	mg/kg	1.245	0.964	1.054	1.191	1.046
Chrysene	CE087	M	0.028	mg/kg	0.832	1.526	0.147	0.726	0.825
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.134	0.243	0.189	0.223	0.270
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.281	0.903	0.737	0.252	0.583
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.813	1.039	1.025	0.582	0.943
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.582	1.008	0.873	1.499	0.983
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.104	0.048	0.145	0.109	0.138
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.170	0.139	1.152	0.785	0.601
Total PAH(16)	CE087	N	0.28	mg/kg	7.609	12.214	11.029	9.936	10.399
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	2.1	1.7	2.0	1.7	3.9
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.1	0.9	1.8	1.6	1.5
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	39.5	43.2	54.7	12.3	10.6
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	9.7	9.4	2.1	9.9	4.2
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	10.3	14.0	10.8	11.3	9.3
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	18.2	14.2	18.3	12.9	5.1
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	45.2	40.0	28.8	72.8	60.9
>C5-C35 Aliphatic and Aromatic (HS_1D)	CE250	N	15	mg/kg	126.0	123.4	118.5	122.5	95.4
Wet Chem									
pH	CE004	M	0.1	pH units	8.4	8.2	8.4	8.5	8.7

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SOILS

Lab Number					134773-6	134773-7	134773-8	134773-9	134773-10
Sample ID					Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Depth (m)									
Sampling Date					27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Metals									
Arsenic (total)	CE264	U	1.8	mg/kg	18.6	12.2	13.8	21.9	21.3
Boron (Water Soluble)	CE063	N	0.5	mg/kg	2.15	2.40	2.24	2.14	2.29
Beryllium (total)	CE264	M	0.2	mg/kg	1.2	1.3	1.3	1.2	1.0
Cadmium (total)	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium (total)	CE264	U	2	mg/kg	37.5	28.9	23.3	27.7	36.9
Chromium (III)	CE208	N	2	mg/kg	37.5	28.9	23.3	27.7	36.8
Chromium (VI)	CE263	N	0.04	mg/kg	<0.040	<0.040	0.040	<0.040	0.069
Copper (total)	CE264	M	1.6	mg/kg	165.4	163.0	200.6	160.3	180.7
Lead (total)	CE264	U	2.3	mg/kg	147.1	153.1	182.4	179.0	176.2
Mercury (total)	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel (total)	CE264	M	2.1	mg/kg	41.7	32.7	43.6	37.3	31.4
Selenium (total)	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Vanadium (total)	CE264	U	1.8	mg/kg	34.6	40.5	39.0	30.4	24.8
Zinc (total)	CE264	M	4	mg/kg	179.0	149.5	177.0	114.7	124.2
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.234	0.160	0.406	0.216	0.328
Acenaphthylene	CE087	M	0.015	mg/kg	0.036	0.068	0.065	0.047	0.043
Acenaphthene	CE087	M	0.013	mg/kg	0.262	0.202	0.221	0.154	0.026
Fluorene	CE087	U	0.013	mg/kg	0.140	0.061	0.141	0.107	0.121
Phenanthrene	CE087	M	0.014	mg/kg	0.943	0.256	1.459	0.447	1.561
Anthracene	CE087	U	0.017	mg/kg	0.233	1.784	1.183	0.702	0.024
Fluoranthene	CE087	M	0.017	mg/kg	1.013	1.455	2.583	2.424	2.639
Pyrene	CE087	M	0.016	mg/kg	0.964	2.050	0.271	0.128	1.516
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.782	0.676	1.225	0.873	1.120
Chrysene	CE087	M	0.028	mg/kg	1.703	1.587	1.130	0.282	1.134
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.248	0.189	0.148	0.235	0.212
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.186	0.819	0.646	0.239	0.641
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.984	0.193	0.679	1.102	1.289
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.340	0.373	0.995	1.475	0.887
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.037	0.125	0.049	0.053	0.104
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.982	0.599	0.985	0.845	1.077
Total PAH(16)	CE087	N	0.28	mg/kg	9.087	10.597	12.186	9.329	12.722
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	5.0	3.5	1.8	1.6	2.4
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.8	1.2	1.2	2.0	1.2
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	55.7	35.4	61.7	61.4	21.4
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	9.9	7.4	3.1	1.1	5.2
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	10.1	9.7	11.5	6.1	10.8
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	8.8	10.3	11.8	13.1	5.0
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	30.6	23.1	84.4	44.7	75.1
>C5-C35 Aliphatic and Aromatic (HS_1D_AL)	CE250	N	15	mg/kg	121.8	90.4	175.6	130.0	121.1
Wet Chem									
pH	CE004	M	0.1	pH units	8.0	8.2	8.8	8.2	7.9

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SOILS

Lab Number					134773-11	134773-12	134773-13	134773-14	134773-15
Sample ID					Sample 11	Sample 12	Sample 13	Sample 14	Sample 15
Depth (m)									
Sampling Date					27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Metals									
Arsenic (total)	CE264	U	1.8	mg/kg	21.7	11.9	12.3	19.5	19.9
Boron (Water Soluble)	CE063	N	0.5	mg/kg	2.31	2.28	2.11	2.28	2.12
Beryllium (total)	CE264	M	0.2	mg/kg	1.3	1.1	1.4	1.3	1.1
Cadmium (total)	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium (total)	CE264	U	2	mg/kg	22.0	39.4	36.8	37.3	38.6
Chromium (III)	CE208	N	2	mg/kg	21.9	39.3	36.7	37.2	38.6
Chromium (VI)	CE263	N	0.04	mg/kg	0.064	0.074	0.060	0.054	0.050
Copper (total)	CE264	M	1.6	mg/kg	164.7	192.9	201.1	181.4	194.9
Lead (total)	CE264	U	2.3	mg/kg	140.1	173.1	151.6	159.3	164.1
Mercury (total)	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel (total)	CE264	M	2.1	mg/kg	39.6	43.2	42.9	39.1	34.0
Selenium (total)	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Vanadium (total)	CE264	U	1.8	mg/kg	36.2	44.6	26.2	43.7	40.1
Zinc (total)	CE264	M	4	mg/kg	120.5	161.6	176.5	182.3	158.9
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.128	0.389	0.291	0.265	0.122
Acenaphthylene	CE087	M	0.015	mg/kg	0.061	0.043	0.030	0.072	0.048
Acenaphthene	CE087	M	0.013	mg/kg	0.074	0.252	0.151	0.242	0.114
Fluorene	CE087	U	0.013	mg/kg	0.078	0.014	0.241	0.268	0.037
Phenanthrene	CE087	M	0.014	mg/kg	0.992	1.723	0.380	1.268	0.644
Anthracene	CE087	U	0.017	mg/kg	0.931	0.234	0.614	0.125	1.487
Fluoranthene	CE087	M	0.017	mg/kg	0.859	0.811	2.901	0.201	1.864
Pyrene	CE087	M	0.016	mg/kg	1.579	0.770	1.985	0.813	1.373
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.306	0.183	0.497	0.471	1.062
Chrysene	CE087	M	0.028	mg/kg	0.683	1.287	1.176	1.591	0.706
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.156	0.296	0.112	0.182	0.234
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.477	0.256	0.754	0.071	0.505
Benzo(a)pyrene	CE087	U	0.019	mg/kg	0.909	0.511	1.280	0.879	0.849
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	0.207	0.746	1.276	0.488	1.064
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.110	0.123	0.146	0.123	0.142
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.859	0.775	0.977	1.197	1.258
Total PAH(16)	CE087	N	0.28	mg/kg	8.409	8.413	12.811	8.256	11.509
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	4.4	3.0	1.9	1.9	1.9
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.3	1.0	1.5	1.5	1.7
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	14.2	19.2	60.7	36.3	32.0
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.4	8.0	5.7	7.7	5.2
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	4.2	8.9	10.8	4.1	6.4
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	4.6	9.1	13.6	10.2	13.5
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	67.6	89.3	57.8	94.8	97.2
>C5-C35 Aliphatic and Aromatic (HS_1D)	CE250	N	15	mg/kg	97.7	138.4	152.0	156.5	157.8
Wet Chem									
pH	CE004	M	0.1	pH units	8.7	8.1	8.8	8.9	9.0

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SOILS

Lab Number					134773-16	134773-17	134773-18	134773-19	134773-20
Sample ID					Sample 16	Sample 17	Sample 18	Sample 19	Sample 20
Depth (m)									
Sampling Date					27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Metals									
Arsenic (total)	CE264	U	1.8	mg/kg	19.1	17.9	14.2	21.3	16.8
Boron (Water Soluble)	CE063	N	0.5	mg/kg	2.28	2.26	2.29	2.19	2.39
Beryllium (total)	CE264	M	0.2	mg/kg	1.3	1.0	1.2	1.3	1.1
Cadmium (total)	CE264	M	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Chromium (total)	CE264	U	2	mg/kg	24.2	28.4	26.5	38.9	34.5
Chromium (III)	CE208	N	2	mg/kg	24.2	28.4	26.4	38.9	34.5
Chromium (VI)	CE263	N	0.04	mg/kg	0.044	<0.040	0.055	<0.040	<0.040
Copper (total)	CE264	M	1.6	mg/kg	203.7	190.6	177.6	189.9	181.1
Lead (total)	CE264	U	2.3	mg/kg	174.7	189.4	152.9	183.0	157.9
Mercury (total)	CE264	U	0.7	mg/kg	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Nickel (total)	CE264	M	2.1	mg/kg	34.6	31.8	36.6	44.6	37.9
Selenium (total)	CE264	U	3	mg/kg	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Vanadium (total)	CE264	U	1.8	mg/kg	39.4	39.5	30.2	44.9	28.5
Zinc (total)	CE264	M	4	mg/kg	128.6	140.5	177.3	198.7	249.7
Polyaromatic hydrocarbons									
Naphthalene	CE087	M	0.016	mg/kg	0.267	0.424	0.175	0.186	0.188
Acenaphthylene	CE087	M	0.015	mg/kg	0.012	0.025	0.080	0.055	0.077
Acenaphthene	CE087	M	0.013	mg/kg	0.078	0.029	0.065	0.110	0.089
Fluorene	CE087	U	0.013	mg/kg	0.176	0.106	0.121	0.074	0.018
Phenanthrene	CE087	M	0.014	mg/kg	0.679	1.060	0.101	0.346	1.479
Anthracene	CE087	U	0.017	mg/kg	1.079	0.524	0.840	0.334	1.670
Fluoranthene	CE087	M	0.017	mg/kg	2.978	2.846	0.690	2.943	2.748
Pyrene	CE087	M	0.016	mg/kg	2.458	1.472	2.008	1.817	2.255
Benzo(a)anthracene	CE087	U	0.012	mg/kg	0.834	0.199	0.501	0.253	0.387
Chrysene	CE087	M	0.028	mg/kg	0.230	1.482	0.579	1.728	0.557
Benzo(b)fluoranthene	CE087	M	0.02	mg/kg	0.175	0.147	0.115	0.280	0.218
Benzo(k)fluoranthene	CE087	M	0.025	mg/kg	0.704	0.657	0.471	0.093	0.413
Benzo(a)pyrene	CE087	U	0.019	mg/kg	1.052	0.258	0.122	1.140	0.121
Indeno(1,2,3-cd)pyrene	CE087	M	0.019	mg/kg	1.029	1.234	0.653	0.632	0.980
Dibenzo(a,h)anthracene	CE087	M	0.017	mg/kg	0.090	0.146	0.087	0.101	0.060
Benzo(g,h,i)perylene	CE087	M	0.019	mg/kg	0.409	0.763	0.484	0.209	0.189
Total PAH(16)	CE087	N	0.28	mg/kg	12.250	11.372	7.092	10.301	11.449
Total Petroleum Hydrocarbons									
>C5-C6 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C6-C8 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C8-C10 Aliphatic (HS_1D_AL)	CE267	N	0.1	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
>C10-C12 Aliphatic (EH_2D_AL)	CE250	N	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	CE250	N	0.5	mg/kg	2.3	4.6	1.5	2.9	4.3
>C16-C21 Aliphatic (EH_2D_AL)	CE250	N	0.7	mg/kg	1.1	1.2	1.4	1.4	1.9
>C21-C35 Aliphatic (EH_2D_AL)	CE250	N	4	mg/kg	61.0	36.4	20.3	44.3	21.1
>C6-C7 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C7-C8 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C8-C10 Aromatic (HS_1D_AR)	CE267	N	0.01	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
>C10-C12 Aromatic (EH_2D_AR)	CE250	N	0.6	mg/kg	1.8	6.9	1.7	6.4	7.5
>C12-C16 Aromatic (EH_2D_AR)	CE250	N	1	mg/kg	3.2	12.0	4.1	6.4	13.9
>C16-C21 Aromatic (EH_2D_AR)	CE250	N	2	mg/kg	10.5	15.3	17.4	11.4	10.4
>C21-C35 Aromatic (EH_2D_AR)	CE250	N	4.5	mg/kg	50.9	81.5	82.3	111.5	40.3
>C5-C35 Aliphatic and Aromatic (HS_1D)	CE250	N	15	mg/kg	130.8	157.9	128.6	184.4	99.3
Wet Chem									
pH	CE004	M	0.1	pH units	8.2	8.1	8.3	8.8	8.6

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE001	Moisture Content	Gravimetry, reported on Wet Weight basis	As received		0.1	% w/w
CE264	Arsenic (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.8	mg/kg As
CE063	Boron (water soluble)	Hot water extract, ICP-OES	Dry	U	1	mg/kg B
CE264	Cadmium (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.6	mg/kg Cd
CE264	Chromium (total)	Aqua Regia Extraction, ICPOES	Dry	U	2	mg/kg Cr
CE208	Chromium (III)	Calculation: Cr (total) - Cr (VI)	Dry		0.04	mg/kg CrIII
CE263	Chromium (VI)	Discrete Analyser	Dry		0.04	mg/kg CrVI
CE264	Copper (total)	Aqua Regia Extraction, ICPOES	Dry	M	1.6	mg/kg Cu
CE264	Lead (total)	Aqua Regia Extraction, ICPOES	Dry	U	2.3	mg/kg Pb
CE264	Mercury (total)	Aqua Regia Extraction, ICPOES	Dry	U	0.7	mg/kg Hg
CE264	Nickel (total)	Aqua Regia Extraction, ICPOES	Dry	M	2.1	mg/kg Ni
CE264	Selenium (total)	Aqua Regia Extraction, ICPOES	Dry	U	3	mg/kg Se
CE264	Vanadium (total)	Aqua Regia Extraction, ICPOES	Dry	U	1.8	mg/kg V
CE264	Zinc (total)	Aqua Regia Extraction, ICPOES	Dry	M	4	mg/kg Zn
CE077	Cyanide (total)	Extraction, Continuous Flow Colorimetry	As received		1	mg/kg CN
CE078	Phenols (total)	Extraction, Continuous Flow Colorimetry	As received		0.5	mg/kg PhOH
CE197	Total Organic Carbon (TOC)	Carbon Analyser	Dry		0.1	% w/w C
CE197	Estimate of OMC (calculated from TOC)	Calculation from Total Organic Carbon	Dry		0.1	% w/w
CE087	Naphthalene	Solvent extraction, GC-MS	As received	M	0.016	mg/kg
CE087	Acenaphthylene	Solvent extraction, GC-MS	As received	M	0.015	mg/kg
CE087	Acenaphthene	Solvent extraction, GC-MS	As received	M	0.013	mg/kg
CE087	Fluorene	Solvent extraction, GC-MS	As received	U	0.013	mg/kg
CE087	Phenanthrene	Solvent extraction, GC-MS	As received	M	0.014	mg/kg
CE087	Anthracene	Solvent extraction, GC-MS	As received	U	0.017	mg/kg
CE087	Fluoranthene	Solvent extraction, GC-MS	As received	M	0.017	mg/kg
CE087	Pyrene	Solvent extraction, GC-MS	As received	M	0.016	mg/kg
CE087	Benzo(a)anthracene	Solvent extraction, GC-MS	As received	U	0.012	mg/kg
CE087	Chrysene	Solvent extraction, GC-MS	As received	M	0.028	mg/kg
CE087	Benzo(b)fluoranthene	Solvent extraction, GC-MS	As received	M	0.02	mg/kg
CE087	Benzo(k)fluoranthene	Solvent extraction, GC-MS	As received	M	0.025	mg/kg
CE087	Benzo(a)pyrene	Solvent extraction, GC-MS	As received	U	0.019	mg/kg
CE087	Indeno(123cd)pyrene	Solvent extraction, GC-MS	As received	M	0.019	mg/kg
CE087	Dibenz(ah)anthracene	Solvent extraction, GC-MS	As received	M	0.017	mg/kg
CE087	Benzo(ghi)perylene	Solvent extraction, GC-MS	As received	M	0.019	mg/kg
CE087	PAH (total of USEPA 16)	Solvent extraction, GC-MS	As received		0.028	mg/kg
CE067	VPH Aromatic (>EC5-EC7)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC7-EC8)	Headspace GC-FID	As received		0.01	mg/kg
CE067	VPH Aromatic (>EC8-EC10)	Headspace GC-FID	As received		0.01	mg/kg
CE250	EPH Aromatic (>EC10-EC12)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aromatic (>EC12-EC16)	Solvent extraction, GCxGC-FID	As received		1	mg/kg
CE250	EPH Aromatic (>EC16-EC21)	Solvent extraction, GCxGC-FID	As received		2	mg/kg
CE250	EPH Aromatic (>EC21-EC35)	Solvent extraction, GCxGC-FID	As received		5	mg/kg
CE067	VPH Aliphatic (>C5-C6)	Headspace GC-FID	As received		0.1	mg/kg
CE067	VPH Aliphatic (>C6-C8)	Headspace GC-FID	As received		0.1	mg/kg

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METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE067	VPH Aliphatic (>C8-C10)	Headspace GC-FID	As received		0.1	mg/kg
CE250	EPH Aliphatic (>C10-C12)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aliphatic (>C12-C16)	Solvent extraction, GCxGC-FID	As received		0.5	mg/kg
CE250	EPH Aliphatic (>C16-C21)	Solvent extraction, GCxGC-FID	As received		4.5	mg/kg
CE250	EPH Aliphatic (>C21-C35)	Solvent extraction, GCxGC-FID	As received		4.5	mg/kg
CE225	Total Aliphatic/Aromatic (>C5-C35)	Sum of Aliphatic & Aromatic VPH (>C5-C10) & EPH (>C10-C35)	As received		15	mg/kg
\$	Asbestos (qualitative)	HSG 248, Microscopy	Dry	U	-	-
\$	Asbestos (quantitative)	HSG 248, Microscopy & Gravimetry	Dry	U	0.001	% w/w

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ADDITIONAL INFORMATION

Notes

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Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

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Soil/Solid samples will be disposed of 4 weeks from initial receipt unless otherwise agreed.

Waters and leachate samples will be disposed of 2 weeks from report issue unless otherwise agreed.

DEFRA Licence for the introduction and movement within England of prohibited soil for chemical and physical analysis Licence No: 132693/469907-0

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

For soils and solids, analytical results are inclusive of stones, where applicable.

Moisture Content Calculated on a Wet Weight basis



ANALYTICAL TEST REPORT

Contract no: 134774

Contract name: Neal Soils (NS)

Client reference: -

Clients name: Neal Soil Suppliers

Clients address: Ty-To-Maen Farm
Newton Road
Rumney, Cardiff
CF3 2EJ

Samples received: 28 May 2024

Analysis started: 28 May 2024

Analysis completed: 03 June 2024

Report issued: 03 June 2024

Key

U	UKAS accredited test
M	MCERTS & UKAS accredited test
\$	Test carried out by an approved subcontractor
I/S	Insufficient sample to carry out test
N/S	Sample not suitable for testing
NAD	No Asbestos Detected

Approved by:

Abbie Neasham-Bourn
Senior Reporting Administrator

Chemtech Environmental Limited

SOILS

Lab Number Sample ID Depth (m) Sampling Date			134774-1	134774-2	134774-3	134774-4	134774-5
			Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
			-	-	-	-	-
			27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Test	Method	Units					
Cadmium (dissolved)	CE265	µg/l Cd	0.182	0.169	0.182	0.116	0.160
Calcium (dissolved)	CE265	mg/l Ca	72.203	73.029	61.462	61.507	89.389
Chromium (dissolved)	CE265	µg/l Cr	0.517	0.577	0.652	0.599	0.557
Copper (dissolved)	CE265	µg/l Cu	2.330	2.415	2.577	1.373	1.332
Iron (dissolved)	CE265	µg/l Fe	8.503	9.871	8.190	9.943	9.542
Lead (dissolved)	CE207	µg/l Pb	0.201	0.276	0.326	0.228	0.228
Magnesium (dissolved)	CE259U	mg/l Mg	6.624	5.944	5.589	6.428	5.016
Manganese (dissolved)	CE265	µg/l Mn	29.168	21.270	27.979	24.081	30.153
Nickel (dissolved)	CE265	µg/l Ni	2.355	2.075	2.113	2.573	2.197
Potassium (dissolved)	CE265	mg/l K	3.341	3.066	2.546	4.810	4.104
Sodium (dissolved)	CE265U	mg/l Na	14.329	16.802	13.088	15.541	16.132
Zinc (dissolved)	CE265	µg/l Zn	1.000	1.000	1.000	1.000	1.000
pH	CE265	units	7.420	7.417	7.237	7.475	7.321
Electrical conductivity	CE051	µS/cm	164.279	299.598	64.846	80.076	231.881
Ammonia	CE051	µg/l N	29.426	26.027	34.503	35.992	32.888
Chloride	CE051	mg/l Cl	11.618	13.938	12.697	15.245	8.175
Nitrate	CE051	mg/l NO3	0.569	0.276	0.592	0.633	1.065
Nitrite	CE051	mg/l NO2	0.282	0.276	0.285	0.251	0.283
Total Oxidised Nitrogen (as N)	CE051	mg/l N	0.231	0.262	0.279	0.251	0.229
Sulphate	CE051	mg/l SO4	17.502	19.991	17.374	11.045	16.126
Alkalinity (settled)	CE051	mg/l CaCO3	23.713	22.745	23.042	23.532	23.292
Chemical Oxygen Demand (total)	CE051	mg/l	58.953	56.060	24.802	29.845	52.687
Total Organic Carbon	CE051	mg/l C	10.242	14.096	13.973	10.594	11.446

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SOILS

Lab Number			134774-6	134774-7	134774-8	134774-9	134774-10
Sample ID			Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Depth (m)			-	-	-	-	-
Sampling Date			27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Test	Method	Units					
Cadmium (dissolved)	CE265	µg/l Cd	0.177	0.129	0.120	0.132	0.112
Calcium (dissolved)	CE265	mg/l Ca	87.192	79.256	76.515	74.578	58.892
Chromium (dissolved)	CE265	µg/l Cr	0.662	0.515	0.605	0.628	0.522
Copper (dissolved)	CE265	µg/l Cu	2.541	1.860	2.596	2.120	1.100
Iron (dissolved)	CE265	µg/l Fe	7.910	9.546	9.795	9.556	7.996
Lead (dissolved)	CE207	µg/l Pb	0.259	0.233	0.277	0.248	0.256
Magnesium (dissolved)	CE259U	mg/l Mg	5.386	5.385	5.399	6.896	6.792
Manganese (dissolved)	CE265	µg/l Mn	32.317	38.194	24.561	28.999	27.767
Nickel (dissolved)	CE265	µg/l Ni	2.053	2.408	2.467	2.508	2.046
Potassium (dissolved)	CE265	mg/l K	3.604	4.914	3.813	3.936	3.119
Sodium (dissolved)	CE265U	mg/l Na	13.994	14.988	13.854	13.703	13.244
Zinc (dissolved)	CE265	µg/l Zn	1.000	1.000	1.000	1.000	1.000
pH	CE265	units	7.045	7.361	7.737	7.674	7.324
Electrical conductivity	CE051	µS/cm	166.288	84.445	242.390	363.545	378.512
Ammonia	CE051	µg/l N	34.946	20.665	18.812	33.515	38.459
Chloride	CE051	mg/l Cl	16.240	10.786	10.013	13.093	14.974
Nitrate	CE051	mg/l NO3	0.205	1.125	0.586	0.366	1.003
Nitrite	CE051	mg/l NO2	0.263	0.292	0.293	0.295	0.295
Total Oxidised Nitrogen (as N)	CE051	mg/l N	0.257	0.284	0.256	0.295	0.255
Sulphate	CE051	mg/l SO4	19.073	11.497	10.189	12.867	18.993
Alkalinity (settled)	CE051	mg/l CaCO3	24.885	21.312	24.058	24.948	21.230
Chemical Oxygen Demand (total)	CE051	mg/l	46.374	47.729	51.025	38.329	58.985
Total Organic Carbon	CE051	mg/l C	14.456	10.489	12.411	11.246	12.714

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SOILS

Lab Number Sample ID Depth (m) Sampling Date			134774-11	134774-12	134774-13	134774-14	134774-15
			Sample 11	Sample 12	Sample 13	Sample 14	Sample 15
			-	-	-	-	-
			27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Test	Method	Units					
Cadmium (dissolved)	CE265	µg/l Cd	0.135	0.122	0.144	0.134	0.142
Calcium (dissolved)	CE265	mg/l Ca	67.972	73.481	58.214	80.668	71.712
Chromium (dissolved)	CE265	µg/l Cr	0.609	0.630	0.587	0.554	0.613
Copper (dissolved)	CE265	µg/l Cu	2.275	1.388	1.152	2.175	2.461
Iron (dissolved)	CE265	µg/l Fe	8.828	9.703	9.577	8.523	8.248
Lead (dissolved)	CE207	µg/l Pb	0.242	0.276	0.280	0.270	0.318
Magnesium (dissolved)	CE259U	mg/l Mg	6.518	5.341	6.659	6.037	6.884
Manganese (dissolved)	CE265	µg/l Mn	39.106	27.746	37.093	30.730	26.578
Nickel (dissolved)	CE265	µg/l Ni	2.415	2.286	2.238	2.177	2.217
Potassium (dissolved)	CE265	mg/l K	4.973	4.448	3.699	4.078	4.418
Sodium (dissolved)	CE265U	mg/l Na	15.853	13.045	17.053	14.201	17.603
Zinc (dissolved)	CE265	µg/l Zn	1.000	1.000	1.000	1.000	1.000
pH	CE265	units	7.024	7.127	7.541	7.194	7.364
Electrical conductivity	CE051	µS/cm	78.459	256.901	159.342	44.347	379.962
Ammonia	CE051	µg/l N	30.392	21.907	38.890	32.184	32.008
Chloride	CE051	mg/l Cl	11.347	8.045	9.905	11.666	9.312
Nitrate	CE051	mg/l NO3	0.790	0.422	1.002	0.555	1.034
Nitrite	CE051	mg/l NO2	0.281	0.260	0.285	0.287	0.253
Total Oxidised Nitrogen (as N)	CE051	mg/l N	0.201	0.222	0.271	0.228	0.276
Sulphate	CE051	mg/l SO4	14.220	15.534	15.396	17.763	13.263
Alkalinity (settled)	CE051	mg/l CaCO3	22.728	22.844	25.219	25.335	21.866
Chemical Oxygen Demand (total)	CE051	mg/l	26.774	27.565	58.905	42.763	51.537
Total Organic Carbon	CE051	mg/l C	10.006	14.450	13.073	14.588	9.146

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SOILS

Lab Number Sample ID Depth (m) Sampling Date			134774-16	134774-17	134774-18	134774-19	134774-20
			Sample 16	Sample 17	Sample 18	Sample 19	Sample 20
			-	-	-	-	-
			27/05/2024	27/05/2024	27/05/2024	27/05/2024	27/05/2024
Test	Method	Units					
Cadmium (dissolved)	CE265	µg/l Cd	0.138	0.178	0.162	0.114	0.186
Calcium (dissolved)	CE265	mg/l Ca	67.028	56.034	85.764	72.491	77.136
Chromium (dissolved)	CE265	µg/l Cr	0.616	0.560	0.606	0.614	0.587
Copper (dissolved)	CE265	µg/l Cu	1.765	1.703	2.502	1.641	1.392
Iron (dissolved)	CE265	µg/l Fe	8.199	7.603	8.500	8.971	9.668
Lead (dissolved)	CE207	µg/l Pb	0.282	0.306	0.277	0.249	0.257
Magnesium (dissolved)	CE259U	mg/l Mg	6.284	6.908	5.086	5.512	5.624
Manganese (dissolved)	CE265	µg/l Mn	27.756	20.900	33.681	21.252	25.851
Nickel (dissolved)	CE265	µg/l Ni	2.471	2.269	2.583	2.195	2.406
Potassium (dissolved)	CE265	mg/l K	3.820	3.677	2.610	3.890	4.741
Sodium (dissolved)	CE265U	mg/l Na	16.595	15.603	14.079	14.653	14.752
Zinc (dissolved)	CE265	µg/l Zn	1.000	1.000	1.000	1.000	1.000
pH	CE265	units	7.419	7.554	7.854	7.863	7.541
Electrical conductivity	CE051	µS/cm	24.000	149.683	362.777	215.017	310.092
Ammonia	CE051	µg/l N	15.034	35.725	18.155	31.496	29.620
Chloride	CE051	mg/l Cl	6.258	8.489	11.816	8.586	10.825
Nitrate	CE051	mg/l NO3	0.802	1.039	0.568	0.317	0.557
Nitrite	CE051	mg/l NO2	0.273	0.300	0.294	0.269	0.275
Total Oxidised Nitrogen (as N)	CE051	mg/l N	0.271	0.297	0.266	0.293	0.287
Sulphate	CE051	mg/l SO4	18.160	15.175	14.564	14.342	15.510
Alkalinity (settled)	CE051	mg/l CaCO3	20.661	21.703	23.556	21.477	25.579
Chemical Oxygen Demand (total)	CE051	mg/l	46.679	20.929	58.716	55.936	27.018
Total Organic Carbon	CE051	mg/l C	13.489	13.895	14.776	11.738	11.194

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ADDITIONAL INFORMATION

Notes

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For soils and solids, analytical results are inclusive of stones, where applicable.

Moisture Content Calculated on a Wet Weight basis

Waste Classification Report

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

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



ITTP5-GI5XO-R6CRV

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

Report is invalid if pages are removed.

Job name

Restoration Scheme - WM3 Review

Description/Comments

Please note that this assessment is done from a human health perspective and that the material is not waste, however given that the HWOL system doesn't allow this the EWC Code 17 05 03/04 assessment will be covered.

Project

Rhiwderin Landfill - Croescarneion Farm

Site

134773

Classified by

Name: **Gavin Powell**
Date: **29 Aug 2025 15:13 GMT**
Telephone: **029 2079 7835**
Company: **Neal Soil Suppliers Ltd**
Ty-To-Maen Farm
Newton Road
Cardiff
CF3 2EJ

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
Most recent 3 year Refresher

Date

21 Sep 2016
02 Apr 2024

Next 3 year Refresher due by Apr 2027

Purpose of classification

1 - Back Office

Address of the waste

-

Post Code -

SIC for the process giving rise to the waste

-

Description of industry/producer giving rise to the waste

-

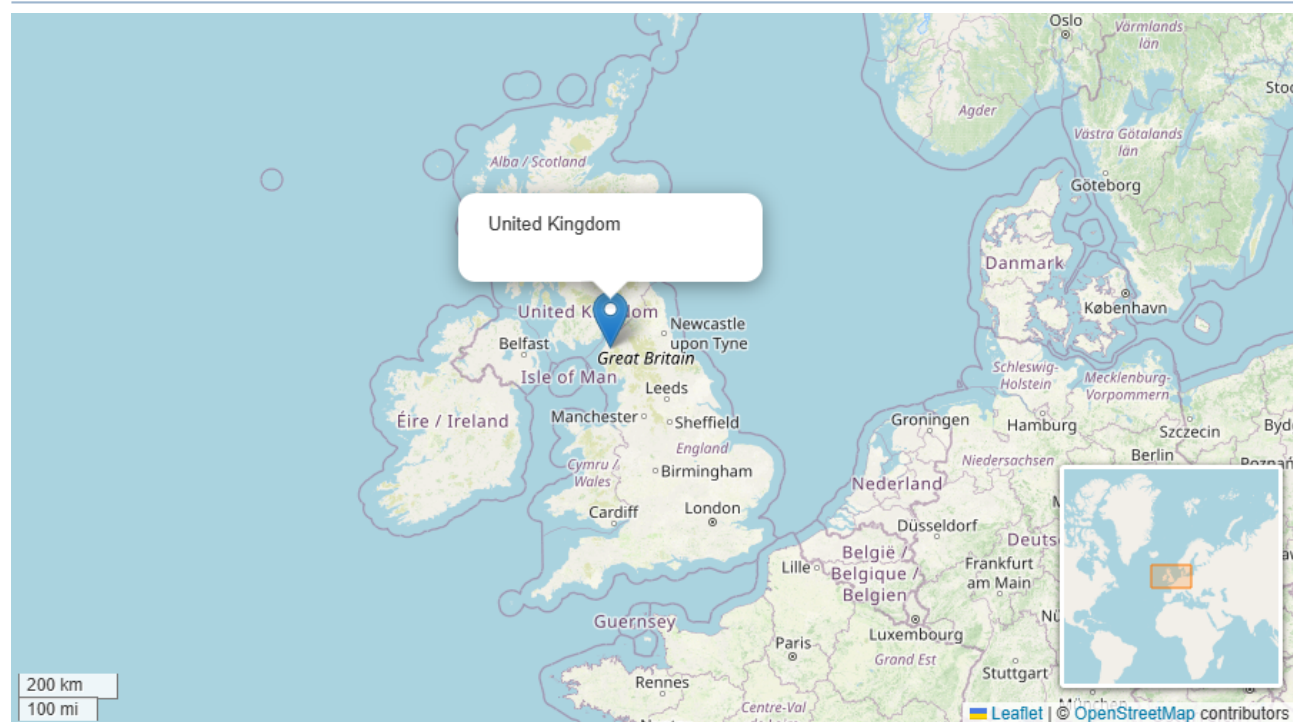
Description of the specific process, sub-process and/or activity that created the waste

-

Description of the waste

-

Waste Location



Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	Sample 1		Non Hazardous		3
2	Sample 2		Non Hazardous		6
3	Sample 3		Non Hazardous		9
4	Sample 4		Non Hazardous		12
5	Sample 5		Non Hazardous		15
6	Sample 6		Non Hazardous		18
7	Sample 7		Non Hazardous		21
8	Sample 8		Non Hazardous		24
9	Sample 9		Non Hazardous		27
10	Sample 10		Non Hazardous		30
11	Sample 11		Non Hazardous		33
12	Sample 12		Non Hazardous		36
13	Sample 13		Non Hazardous		39
14	Sample 14		Non Hazardous		42
15	Sample 15		Non Hazardous		45
16	Sample 16		Non Hazardous		48
17	Sample 17		Non Hazardous		51
18	Sample 18		Non Hazardous		54
19	Sample 19		Non Hazardous		57
20	Sample 20		Non Hazardous		60

Related documents

#	Name	Description
1	Neal Soils Template #1 - WM3 v1.2.GB	waste stream template used to create this Job

Report

Created by: Gavin Powell

Created date: 29 Aug 2025 15:13 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	63
Appendix B: Rationale for selection of metal species	64
Appendix C: Version	65

Classification of sample: Sample 1

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				126	mg/kg		126	mg/kg	0.0126 %		
			TPH									
2	arsenic { arsenic trioxide }				11.7	mg/kg	1.32	15.448	mg/kg	0.00154 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.31	mg/kg	13.43	31.023	mg/kg	0.0031 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				28.6	mg/kg	1.462	41.8	mg/kg	0.00418 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.00000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				196.8	mg/kg	1.126	221.575	mg/kg	0.0222 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	141.5	mg/kg		141.5	mg/kg	0.0142 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				39.9	mg/kg	1.579	63.022	mg/kg	0.0063 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				27.9	mg/kg	1.785	49.807	mg/kg	0.00498 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				150.6	mg/kg	1.245	187.454	mg/kg	0.0187 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.03 mg/kg		0.03 mg/kg	0.000003 %		
16	acenaphthylene	205-917-1	208-96-8		<0.019 mg/kg		<0.019 mg/kg	<0.0000019 %		<LOD
17	anthracene	204-371-1	120-12-7		0.43 mg/kg		0.43 mg/kg	0.000043 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		1.245 mg/kg		1.245 mg/kg	0.000125 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.813 mg/kg		0.813 mg/kg	0.0000813 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.134 mg/kg		0.134 mg/kg	0.0000134 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.17 mg/kg		0.17 mg/kg	0.000017 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.281 mg/kg		0.281 mg/kg	0.0000281 %		
23	chrysene	601-048-00-0	205-923-4		0.832 mg/kg		0.832 mg/kg	0.0000832 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.104 mg/kg		0.104 mg/kg	0.0000104 %		
25	fluoranthene	205-912-4	206-44-0		0.301 mg/kg		0.301 mg/kg	0.0000301 %		
26	fluorene	201-695-5	86-73-7		0.216 mg/kg		0.216 mg/kg	0.0000216 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.582 mg/kg		0.582 mg/kg	0.0000582 %		
28	naphthalene	601-052-00-2	202-049-5		0.268 mg/kg		0.268 mg/kg	0.0000268 %		
29	phenanthrene	201-581-5	85-01-8		0.446 mg/kg		0.446 mg/kg	0.0000446 %		
30	pyrene	204-927-3	129-00-0		1.757 mg/kg		1.757 mg/kg	0.000176 %		
31	pH		PH		8.4 pH		8.4 pH	8.4 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0889 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0126%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 2

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				123.4	mg/kg		123.4	mg/kg	0.0123 %		
			TPH									
2	arsenic { arsenic trioxide }				14.3	mg/kg	1.32	18.881	mg/kg	0.00189 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.17	mg/kg	13.43	29.143	mg/kg	0.00291 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.075	mg/kg	1.923	0.144	mg/kg	0.0000144 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				172.8	mg/kg	1.126	194.554	mg/kg	0.0195 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	184.5	mg/kg		184.5	mg/kg	0.0185 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				42.5	mg/kg	1.579	67.129	mg/kg	0.00671 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				41.5	mg/kg	1.785	74.085	mg/kg	0.00741 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				182	mg/kg	1.245	226.538	mg/kg	0.0227 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.213 mg/kg		0.213 mg/kg	0.0000213 %		
16	acenaphthylene	205-917-1	208-96-8		0.053 mg/kg		0.053 mg/kg	0.0000053 %		
17	anthracene	204-371-1	120-12-7		1.244 mg/kg		1.244 mg/kg	0.000124 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.964 mg/kg		0.964 mg/kg	0.0000964 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.039 mg/kg		1.039 mg/kg	0.000104 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.243 mg/kg		0.243 mg/kg	0.0000243 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.139 mg/kg		0.139 mg/kg	0.0000139 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.903 mg/kg		0.903 mg/kg	0.0000903 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.526 mg/kg		1.526 mg/kg	0.000153 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.048 mg/kg		0.048 mg/kg	0.0000048 %		
25	fluoranthene	205-912-4	206-44-0		2.587 mg/kg		2.587 mg/kg	0.000259 %		
26	fluorene	201-695-5	86-73-7		0.241 mg/kg		0.241 mg/kg	0.0000241 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.008 mg/kg		1.008 mg/kg	0.000101 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.422 mg/kg		0.422 mg/kg	0.0000422 %		
29	phenanthrene	201-581-5	85-01-8		0.291 mg/kg		0.291 mg/kg	0.0000291 %		
30	pyrene	204-927-3	129-00-0		1.293 mg/kg		1.293 mg/kg	0.000129 %		
31	pH		PH		8.2 pH		8.2 pH	8.2 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0977 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0123%)

Classification of sample: Sample 3

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				118.5	mg/kg		118.5	mg/kg	0.0119 %		
			TPH									
2	arsenic { arsenic trioxide }				17.1	mg/kg	1.32	22.578	mg/kg	0.00226 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.39	mg/kg	13.43	32.098	mg/kg	0.00321 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				28.3	mg/kg	1.462	41.362	mg/kg	0.00414 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.00000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				191.2	mg/kg	1.126	215.27	mg/kg	0.0215 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	145.2	mg/kg		145.2	mg/kg	0.0145 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				44.3	mg/kg	1.579	69.972	mg/kg	0.007 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				29.7	mg/kg	1.785	53.02	mg/kg	0.0053 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				134.1	mg/kg	1.245	166.916	mg/kg	0.0167 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.202 mg/kg		0.202 mg/kg	0.0000202 %		
16	acenaphthylene	205-917-1	208-96-8		0.034 mg/kg		0.034 mg/kg	0.0000034 %		
17	anthracene	204-371-1	120-12-7		0.431 mg/kg		0.431 mg/kg	0.0000431 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.054 mg/kg		1.054 mg/kg	0.000105 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.025 mg/kg		1.025 mg/kg	0.000103 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.189 mg/kg		0.189 mg/kg	0.0000189 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		1.152 mg/kg		1.152 mg/kg	0.000115 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.737 mg/kg		0.737 mg/kg	0.0000737 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.147 mg/kg		0.147 mg/kg	0.0000147 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.145 mg/kg		0.145 mg/kg	0.0000145 %		
25	fluoranthene	205-912-4	206-44-0		1.816 mg/kg		1.816 mg/kg	0.000182 %		
26	fluorene	201-695-5	86-73-7		0.172 mg/kg		0.172 mg/kg	0.0000172 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.873 mg/kg		0.873 mg/kg	0.0000873 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.149 mg/kg		0.149 mg/kg	0.0000149 %		
29	phenanthrene	201-581-5	85-01-8		1.292 mg/kg		1.292 mg/kg	0.000129 %		
30	pyrene	204-927-3	129-00-0		1.611 mg/kg		1.611 mg/kg	0.000161 %		
31	pH		PH		8.4 pH		8.4 pH	8.4 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0879 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0119%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 4

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				122.5	mg/kg		122.5	mg/kg	0.0123 %		
			TPH									
2	arsenic { arsenic trioxide }				20.1	mg/kg	1.32	26.539	mg/kg	0.00265 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.33	mg/kg	13.43	31.292	mg/kg	0.00313 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				36.1	mg/kg	1.462	52.762	mg/kg	0.00528 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.0000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				170.6	mg/kg	1.126	192.077	mg/kg	0.0192 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	155.4	mg/kg		155.4	mg/kg	0.0155 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				34.8	mg/kg	1.579	54.967	mg/kg	0.0055 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				36.8	mg/kg	1.785	65.695	mg/kg	0.00657 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				102.4	mg/kg	1.245	127.459	mg/kg	0.0127 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.067 mg/kg		0.067 mg/kg	0.0000067 %		
16	acenaphthylene	205-917-1	208-96-8		0.074 mg/kg		0.074 mg/kg	0.0000074 %		
17	anthracene	204-371-1	120-12-7		0.848 mg/kg		0.848 mg/kg	0.0000848 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.191 mg/kg		1.191 mg/kg	0.000119 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.582 mg/kg		0.582 mg/kg	0.0000582 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.223 mg/kg		0.223 mg/kg	0.0000223 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.785 mg/kg		0.785 mg/kg	0.0000785 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.252 mg/kg		0.252 mg/kg	0.0000252 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.726 mg/kg		0.726 mg/kg	0.0000726 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.109 mg/kg		0.109 mg/kg	0.0000109 %		
25	fluoranthene	205-912-4	206-44-0		0.966 mg/kg		0.966 mg/kg	0.0000966 %		
26	fluorene	201-695-5	86-73-7		0.119 mg/kg		0.119 mg/kg	0.0000119 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.499 mg/kg		1.499 mg/kg	0.00015 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.15 mg/kg		0.15 mg/kg	0.000015 %		
29	phenanthrene	201-581-5	85-01-8		0.904 mg/kg		0.904 mg/kg	0.0000904 %		
30	pyrene	204-927-3	129-00-0		1.441 mg/kg		1.441 mg/kg	0.000144 %		
31	pH		PH		8.5 pH		8.5 pH	8.5 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0842 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)** because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0123%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 5

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

Sample details

Sample name: **Sample 5** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				95.4	mg/kg		95.4	mg/kg	0.00954 %		
			TPH									
2	arsenic { arsenic trioxide }				20.7	mg/kg	1.32	27.331	mg/kg	0.00273 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.4	mg/kg	2.775	3.885	mg/kg	0.000389 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.14	mg/kg	13.43	28.74	mg/kg	0.00287 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				31.8	mg/kg	1.462	46.477	mg/kg	0.00465 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.043	mg/kg	1.923	0.0827	mg/kg	0.00000827 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				172.8	mg/kg	1.126	194.554	mg/kg	0.0195 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	177	mg/kg		177	mg/kg	0.0177 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				31.6	mg/kg	1.579	49.912	mg/kg	0.00499 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				41.4	mg/kg	1.785	73.907	mg/kg	0.00739 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				206.1	mg/kg	1.245	256.536	mg/kg	0.0257 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.213 mg/kg		0.213 mg/kg	0.0000213 %		
16	acenaphthylene	205-917-1	208-96-8		0.025 mg/kg		0.025 mg/kg	0.0000025 %		
17	anthracene	204-371-1	120-12-7		0.827 mg/kg		0.827 mg/kg	0.0000827 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		1.046 mg/kg		1.046 mg/kg	0.000105 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.943 mg/kg		0.943 mg/kg	0.0000943 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.27 mg/kg		0.27 mg/kg	0.000027 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.601 mg/kg		0.601 mg/kg	0.0000601 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.583 mg/kg		0.583 mg/kg	0.0000583 %		
23	chrysene	601-048-00-0	205-923-4		0.825 mg/kg		0.825 mg/kg	0.0000825 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.138 mg/kg		0.138 mg/kg	0.0000138 %		
25	fluoranthene	205-912-4	206-44-0		1.103 mg/kg		1.103 mg/kg	0.00011 %		
26	fluorene	201-695-5	86-73-7		0.241 mg/kg		0.241 mg/kg	0.0000241 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.983 mg/kg		0.983 mg/kg	0.0000983 %		
28	naphthalene	601-052-00-2	202-049-5		0.435 mg/kg		0.435 mg/kg	0.0000435 %		
29	phenanthrene	201-581-5	85-01-8		0.504 mg/kg		0.504 mg/kg	0.0000504 %		
30	pyrene	204-927-3	129-00-0		1.662 mg/kg		1.662 mg/kg	0.000166 %		
31	pH		PH		8.7 pH		8.7 pH	8.7 pH		
32	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
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0964 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 8.27e-06%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%) because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00954%)

Classification of sample: Sample 6

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

Sample details

Sample name:	LoW Code:
Sample 6	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				121.8	mg/kg		121.8	mg/kg	0.0122 %		
			TPH									
2	arsenic { arsenic trioxide }				18.6	mg/kg	1.32	24.558	mg/kg	0.00246 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.2	mg/kg	2.775	3.33	mg/kg	0.000333 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.15	mg/kg	13.43	28.874	mg/kg	0.00289 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				37.5	mg/kg	1.462	54.808	mg/kg	0.00548 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.0000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				165.4	mg/kg	1.126	186.222	mg/kg	0.0186 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	147.1	mg/kg		147.1	mg/kg	0.0147 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				41.7	mg/kg	1.579	65.865	mg/kg	0.00659 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				34.6	mg/kg	1.785	61.767	mg/kg	0.00618 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				179	mg/kg	1.245	222.804	mg/kg	0.0223 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.262 mg/kg		0.262 mg/kg	0.0000262 %		
16	acenaphthylene	205-917-1	208-96-8		0.036 mg/kg		0.036 mg/kg	0.0000036 %		
17	anthracene	204-371-1	120-12-7		0.233 mg/kg		0.233 mg/kg	0.0000233 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.782 mg/kg		0.782 mg/kg	0.0000782 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.984 mg/kg		0.984 mg/kg	0.0000984 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.248 mg/kg		0.248 mg/kg	0.0000248 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.982 mg/kg		0.982 mg/kg	0.0000982 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.186 mg/kg		0.186 mg/kg	0.0000186 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.703 mg/kg		1.703 mg/kg	0.00017 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.037 mg/kg		0.037 mg/kg	0.0000037 %		
25	fluoranthene	205-912-4	206-44-0		1.013 mg/kg		1.013 mg/kg	0.000101 %		
26	fluorene	201-695-5	86-73-7		0.14 mg/kg		0.14 mg/kg	0.000014 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.34 mg/kg		0.34 mg/kg	0.000034 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.234 mg/kg		0.234 mg/kg	0.0000234 %		
29	phenanthrene	201-581-5	85-01-8		0.943 mg/kg		0.943 mg/kg	0.0000943 %		
30	pyrene	204-927-3	129-00-0		0.964 mg/kg		0.964 mg/kg	0.0000964 %		
31	pH		PH		8 pH		8 pH	8pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0926 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%) because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0122%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 7

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

Sample details

Sample name: **Sample 7** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				90.4	mg/kg		90.4	mg/kg	0.00904 %		
			TPH									
2	arsenic { arsenic trioxide }				12.2	mg/kg	1.32	16.108	mg/kg	0.00161 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.4	mg/kg	13.43	32.232	mg/kg	0.00322 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				28.9	mg/kg	1.462	42.239	mg/kg	0.00422 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.00000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				163	mg/kg	1.126	183.52	mg/kg	0.0184 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	153.1	mg/kg		153.1	mg/kg	0.0153 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				32.7	mg/kg	1.579	51.65	mg/kg	0.00516 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				40.5	mg/kg	1.785	72.3	mg/kg	0.00723 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				149.5	mg/kg	1.245	186.085	mg/kg	0.0186 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.202 mg/kg		0.202 mg/kg	0.0000202 %		
16	acenaphthylene	205-917-1	208-96-8		0.068 mg/kg		0.068 mg/kg	0.0000068 %		
17	anthracene	204-371-1	120-12-7		1.784 mg/kg		1.784 mg/kg	0.000178 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		0.676 mg/kg		0.676 mg/kg	0.0000676 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.193 mg/kg		0.193 mg/kg	0.0000193 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.189 mg/kg		0.189 mg/kg	0.0000189 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.599 mg/kg		0.599 mg/kg	0.0000599 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.819 mg/kg		0.819 mg/kg	0.0000819 %		
23	chrysene	601-048-00-0	205-923-4		1.587 mg/kg		1.587 mg/kg	0.000159 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.125 mg/kg		0.125 mg/kg	0.0000125 %		
25	fluoranthene	205-912-4	206-44-0		1.455 mg/kg		1.455 mg/kg	0.000146 %		
26	fluorene	201-695-5	86-73-7		0.061 mg/kg		0.061 mg/kg	0.0000061 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.373 mg/kg		0.373 mg/kg	0.0000373 %		
28	naphthalene	601-052-00-2	202-049-5		0.16 mg/kg		0.16 mg/kg	0.000016 %		
29	phenanthrene	201-581-5	85-01-8		0.256 mg/kg		0.256 mg/kg	0.0000256 %		
30	pyrene	204-927-3	129-00-0		2.05 mg/kg		2.05 mg/kg	0.000205 %		
31	pH		PH		8.2 pH		8.2 pH	8.2 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0842 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00904%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 8

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

Sample details

Sample name: **Sample 8** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				175.6	mg/kg		175.6	mg/kg	0.0176 %		
			TPH									
2	arsenic { arsenic trioxide }				13.8	mg/kg	1.32	18.22	mg/kg	0.00182 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.24	mg/kg	13.43	30.083	mg/kg	0.00301 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				23.3	mg/kg	1.462	34.054	mg/kg	0.00341 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.04	mg/kg	1.923	0.0769	mg/kg	0.00000769 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				200.6	mg/kg	1.126	225.853	mg/kg	0.0226 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	182.4	mg/kg		182.4	mg/kg	0.0182 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				43.6	mg/kg	1.579	68.866	mg/kg	0.00689 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				177	mg/kg	1.245	220.314	mg/kg	0.022 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.221 mg/kg		0.221 mg/kg	0.0000221 %		
16	acenaphthylene	205-917-1	208-96-8		0.065 mg/kg		0.065 mg/kg	0.0000065 %		
17	anthracene	204-371-1	120-12-7		1.183 mg/kg		1.183 mg/kg	0.000118 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.225 mg/kg		1.225 mg/kg	0.000123 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.679 mg/kg		0.679 mg/kg	0.0000679 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.148 mg/kg		0.148 mg/kg	0.0000148 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.985 mg/kg		0.985 mg/kg	0.0000985 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.646 mg/kg		0.646 mg/kg	0.0000646 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.13 mg/kg		1.13 mg/kg	0.000113 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.049 mg/kg		0.049 mg/kg	0.0000049 %		
25	fluoranthene	205-912-4	206-44-0		2.583 mg/kg		2.583 mg/kg	0.000258 %		
26	fluorene	201-695-5	86-73-7		0.141 mg/kg		0.141 mg/kg	0.0000141 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.995 mg/kg		0.995 mg/kg	0.0000995 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.406 mg/kg		0.406 mg/kg	0.0000406 %		
29	phenanthrene	201-581-5	85-01-8		1.459 mg/kg		1.459 mg/kg	0.000146 %		
30	pyrene	204-927-3	129-00-0		0.271 mg/kg		0.271 mg/kg	0.0000271 %		
31	pH		PH		8.8 pH		8.8 pH	8.8 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.104 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 7.69e-06%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0176%)

Classification of sample: Sample 9

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

Sample details

Sample name: **Sample 9** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	TPH (C6 to C40) petroleum group				130 mg/kg		130 mg/kg	0.013 %		
			TPH							
2	arsenic { arsenic trioxide }				21.9 mg/kg	1.32	28.915 mg/kg	0.00289 %		
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1.2 mg/kg	2.775	3.33 mg/kg	0.000333 %		
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.14 mg/kg	13.43	28.74 mg/kg	0.00287 %		
			10294-33-4, 10294-34-5, 7637-07-2							
5	cadmium { cadmium sulfide }			1	<1.6 mg/kg	1.285	<2.056 mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				27.7 mg/kg	1.462	40.485 mg/kg	0.00405 %		
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04 mg/kg	1.923	<0.0769 mg/kg	<0.00000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				160.3 mg/kg	1.126	180.48 mg/kg	0.018 %		
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	179 mg/kg		179 mg/kg	0.0179 %		
	082-001-00-6									
10	mercury { mercury dichloride }				<0.7 mg/kg	1.353	<0.947 mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dihydroxide }				37.3 mg/kg	1.579	58.915 mg/kg	0.00589 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3 mg/kg	1.405	<4.215 mg/kg	<0.000422 %		<LOD
	034-002-00-8									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				30.4 mg/kg	1.785	54.27 mg/kg	0.00543 %		
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc oxide }				114.7 mg/kg	1.245	142.769 mg/kg	0.0143 %		
	030-013-00-7	215-222-5	1314-13-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.154 mg/kg		0.154 mg/kg	0.0000154 %		
16	acenaphthylene	205-917-1	208-96-8		0.047 mg/kg		0.047 mg/kg	0.0000047 %		
17	anthracene	204-371-1	120-12-7		0.702 mg/kg		0.702 mg/kg	0.0000702 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		0.873 mg/kg		0.873 mg/kg	0.0000873 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.102 mg/kg		1.102 mg/kg	0.00011 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.235 mg/kg		0.235 mg/kg	0.0000235 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.845 mg/kg		0.845 mg/kg	0.0000845 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.239 mg/kg		0.239 mg/kg	0.0000239 %		
23	chrysene	601-048-00-0	205-923-4		0.282 mg/kg		0.282 mg/kg	0.0000282 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.053 mg/kg		0.053 mg/kg	0.0000053 %		
25	fluoranthene	205-912-4	206-44-0		2.424 mg/kg		2.424 mg/kg	0.000242 %		
26	fluorene	201-695-5	86-73-7		0.107 mg/kg		0.107 mg/kg	0.0000107 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.475 mg/kg		1.475 mg/kg	0.000148 %		
28	naphthalene	601-052-00-2	202-049-5		0.216 mg/kg		0.216 mg/kg	0.0000216 %		
29	phenanthrene	201-581-5	85-01-8		0.447 mg/kg		0.447 mg/kg	0.0000447 %		
30	pyrene	204-927-3	129-00-0		0.128 mg/kg		0.128 mg/kg	0.0000128 %		
31	pH		PH		8.2 pH		8.2 pH	8.2 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0856 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.013%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 10

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

Sample details

Sample name: **Sample 10** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				121.1	mg/kg		121.1	mg/kg	0.0121 %		
			TPH									
2	arsenic { arsenic trioxide }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.29	mg/kg	13.43	30.755	mg/kg	0.00308 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				36.9	mg/kg	1.462	53.931	mg/kg	0.00539 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.069	mg/kg	1.923	0.133	mg/kg	0.0000133 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				180.7	mg/kg	1.126	203.448	mg/kg	0.0203 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	176.2	mg/kg		176.2	mg/kg	0.0176 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				31.4	mg/kg	1.579	49.596	mg/kg	0.00496 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				24.8	mg/kg	1.785	44.273	mg/kg	0.00443 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				124.2	mg/kg	1.245	154.593	mg/kg	0.0155 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.026 mg/kg		0.026 mg/kg	0.0000026 %		
16	acenaphthylene	205-917-1	208-96-8		0.043 mg/kg		0.043 mg/kg	0.0000043 %		
17	anthracene	204-371-1	120-12-7		0.024 mg/kg		0.024 mg/kg	0.0000024 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.12 mg/kg		1.12 mg/kg	0.000112 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.289 mg/kg		1.289 mg/kg	0.000129 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.212 mg/kg		0.212 mg/kg	0.0000212 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		1.077 mg/kg		1.077 mg/kg	0.000108 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.641 mg/kg		0.641 mg/kg	0.0000641 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.134 mg/kg		1.134 mg/kg	0.000113 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.104 mg/kg		0.104 mg/kg	0.0000104 %		
25	fluoranthene	205-912-4	206-44-0		2.639 mg/kg		2.639 mg/kg	0.000264 %		
26	fluorene	201-695-5	86-73-7		0.121 mg/kg		0.121 mg/kg	0.0000121 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.887 mg/kg		0.887 mg/kg	0.0000887 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.328 mg/kg		0.328 mg/kg	0.0000328 %		
29	phenanthrene	201-581-5	85-01-8		1.561 mg/kg		1.561 mg/kg	0.000156 %		
30	pyrene	204-927-3	129-00-0		1.516 mg/kg		1.516 mg/kg	0.000152 %		
31	pH		PH		7.9 pH		7.9 pH	7.9 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0878 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0121%)

Classification of sample: Sample 11

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

Sample details

Sample name: **Sample 11** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				97.7	mg/kg		97.7	mg/kg	0.00977 %		
			TPH									
2	arsenic { arsenic trioxide }				21.7	mg/kg	1.32	28.651	mg/kg	0.00287 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.31	mg/kg	13.43	31.023	mg/kg	0.0031 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.064	mg/kg	1.923	0.123	mg/kg	0.0000123 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				164.7	mg/kg	1.126	185.434	mg/kg	0.0185 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	140.1	mg/kg		140.1	mg/kg	0.014 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				39.6	mg/kg	1.579	62.548	mg/kg	0.00625 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				36.2	mg/kg	1.785	64.624	mg/kg	0.00646 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				120.5	mg/kg	1.245	149.988	mg/kg	0.015 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.074 mg/kg		0.074 mg/kg	0.0000074 %		
16	acenaphthylene	205-917-1	208-96-8		0.061 mg/kg		0.061 mg/kg	0.0000061 %		
17	anthracene	204-371-1	120-12-7		0.931 mg/kg		0.931 mg/kg	0.0000931 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		0.306 mg/kg		0.306 mg/kg	0.0000306 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.909 mg/kg		0.909 mg/kg	0.0000909 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.156 mg/kg		0.156 mg/kg	0.0000156 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.859 mg/kg		0.859 mg/kg	0.0000859 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.477 mg/kg		0.477 mg/kg	0.0000477 %		
23	chrysene	601-048-00-0	205-923-4		0.683 mg/kg		0.683 mg/kg	0.0000683 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
25	fluoranthene	205-912-4	206-44-0		0.859 mg/kg		0.859 mg/kg	0.0000859 %		
26	fluorene	201-695-5	86-73-7		0.078 mg/kg		0.078 mg/kg	0.0000078 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.207 mg/kg		0.207 mg/kg	0.0000207 %		
28	naphthalene	601-052-00-2	202-049-5		0.128 mg/kg		0.128 mg/kg	0.0000128 %		
29	phenanthrene	201-581-5	85-01-8		0.992 mg/kg		0.992 mg/kg	0.0000992 %		
30	pyrene	204-927-3	129-00-0		1.579 mg/kg		1.579 mg/kg	0.000158 %		
31	pH		PH		8.7 pH		8.7 pH	8.7 pH		
32	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
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0804 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00977%)

Classification of sample: Sample 12

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

Sample details

Sample name: **Sample 12** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				138.4	mg/kg		138.4	mg/kg	0.0138 %		
			TPH									
2	arsenic { arsenic trioxide }				11.9	mg/kg	1.32	15.712	mg/kg	0.00157 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.28	mg/kg	13.43	30.62	mg/kg	0.00306 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				39.4	mg/kg	1.462	57.585	mg/kg	0.00576 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.074	mg/kg	1.923	0.142	mg/kg	0.0000142 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				192.9	mg/kg	1.126	217.184	mg/kg	0.0217 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	173.1	mg/kg		173.1	mg/kg	0.0173 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				43.2	mg/kg	1.579	68.234	mg/kg	0.00682 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				44.6	mg/kg	1.785	79.619	mg/kg	0.00796 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				161.6	mg/kg	1.245	201.146	mg/kg	0.0201 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.252 mg/kg		0.252 mg/kg	0.0000252 %		
16	acenaphthylene	205-917-1	208-96-8		0.043 mg/kg		0.043 mg/kg	0.0000043 %		
17	anthracene	204-371-1	120-12-7		0.234 mg/kg		0.234 mg/kg	0.0000234 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.183 mg/kg		0.183 mg/kg	0.0000183 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.511 mg/kg		0.511 mg/kg	0.0000511 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.296 mg/kg		0.296 mg/kg	0.0000296 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.775 mg/kg		0.775 mg/kg	0.0000775 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.256 mg/kg		0.256 mg/kg	0.0000256 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.287 mg/kg		1.287 mg/kg	0.000129 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.123 mg/kg		0.123 mg/kg	0.0000123 %		
25	fluoranthene	205-912-4	206-44-0		0.811 mg/kg		0.811 mg/kg	0.0000811 %		
26	fluorene	201-695-5	86-73-7		0.014 mg/kg		0.014 mg/kg	0.0000014 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.746 mg/kg		0.746 mg/kg	0.0000746 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.389 mg/kg		0.389 mg/kg	0.0000389 %		
29	phenanthrene	201-581-5	85-01-8		1.723 mg/kg		1.723 mg/kg	0.000172 %		
30	pyrene	204-927-3	129-00-0		0.77 mg/kg		0.77 mg/kg	0.000077 %		
31	pH		PH		8.1 pH		8.1 pH	8.1 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0993 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0138%)

Classification of sample: Sample 13

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

Sample details

Sample name: **Sample 13** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	TPH (C6 to C40) petroleum group				152 mg/kg		152 mg/kg	0.0152 %		
			TPH							
2	arsenic { arsenic trioxide }				12.3 mg/kg	1.32	16.24 mg/kg	0.00162 %		
	033-003-00-0	215-481-4	1327-53-3							
3	beryllium { beryllium oxide }				1.4 mg/kg	2.775	3.885 mg/kg	0.000389 %		
	004-003-00-8	215-133-1	1304-56-9							
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.11 mg/kg	13.43	28.337 mg/kg	0.00283 %		
			10294-33-4, 10294-34-5, 7637-07-2							
5	cadmium { cadmium sulfide }			1	<1.6 mg/kg	1.285	<2.056 mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				36.8 mg/kg	1.462	53.785 mg/kg	0.00538 %		
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.06 mg/kg	1.923	0.115 mg/kg	0.0000115 %		
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				201.1 mg/kg	1.126	226.416 mg/kg	0.0226 %		
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	151.6 mg/kg		151.6 mg/kg	0.0152 %		
	082-001-00-6									
10	mercury { mercury dichloride }				<0.7 mg/kg	1.353	<0.947 mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
11	nickel { nickel dihydroxide }				42.9 mg/kg	1.579	67.761 mg/kg	0.00678 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3 mg/kg	1.405	<4.215 mg/kg	<0.000422 %		<LOD
	034-002-00-8									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				26.2 mg/kg	1.785	46.772 mg/kg	0.00468 %		
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc oxide }				176.5 mg/kg	1.245	219.692 mg/kg	0.022 %		
	030-013-00-7	215-222-5	1314-13-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.151 mg/kg		0.151 mg/kg	0.0000151 %		
16	acenaphthylene	205-917-1	208-96-8		0.03 mg/kg		0.03 mg/kg	0.000003 %		
17	anthracene	204-371-1	120-12-7		0.614 mg/kg		0.614 mg/kg	0.0000614 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.497 mg/kg		0.497 mg/kg	0.0000497 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.28 mg/kg		1.28 mg/kg	0.000128 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.112 mg/kg		0.112 mg/kg	0.0000112 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.977 mg/kg		0.977 mg/kg	0.0000977 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.754 mg/kg		0.754 mg/kg	0.0000754 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.176 mg/kg		1.176 mg/kg	0.000118 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.146 mg/kg		0.146 mg/kg	0.0000146 %		
25	fluoranthene	205-912-4	206-44-0		2.901 mg/kg		2.901 mg/kg	0.00029 %		
26	fluorene	201-695-5	86-73-7		0.241 mg/kg		0.241 mg/kg	0.0000241 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.276 mg/kg		1.276 mg/kg	0.000128 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.291 mg/kg		0.291 mg/kg	0.0000291 %		
29	phenanthrene	201-581-5	85-01-8		0.38 mg/kg		0.38 mg/kg	0.000038 %		
30	pyrene	204-927-3	129-00-0		1.985 mg/kg		1.985 mg/kg	0.000199 %		
31	pH		PH		8.8 pH		8.8 pH	8.8 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0979 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%) because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0152%)

Classification of sample: Sample 14

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

Sample details

Sample name: **Sample 14** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				156.5	mg/kg		156.5	mg/kg	0.0157 %		
			TPH									
2	arsenic { arsenic trioxide }				19.5	mg/kg	1.32	25.746	mg/kg	0.00257 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.28	mg/kg	13.43	30.62	mg/kg	0.00306 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				37.3	mg/kg	1.462	54.516	mg/kg	0.00545 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.054	mg/kg	1.923	0.104	mg/kg	0.0000104 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				181.4	mg/kg	1.126	204.236	mg/kg	0.0204 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	159.3	mg/kg		159.3	mg/kg	0.0159 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				39.1	mg/kg	1.579	61.758	mg/kg	0.00618 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				43.7	mg/kg	1.785	78.013	mg/kg	0.0078 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				182.3	mg/kg	1.245	226.911	mg/kg	0.0227 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.242 mg/kg		0.242 mg/kg	0.0000242 %		
16	acenaphthylene	205-917-1	208-96-8		0.072 mg/kg		0.072 mg/kg	0.0000072 %		
17	anthracene	204-371-1	120-12-7		0.125 mg/kg		0.125 mg/kg	0.0000125 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.471 mg/kg		0.471 mg/kg	0.0000471 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.879 mg/kg		0.879 mg/kg	0.0000879 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.182 mg/kg		0.182 mg/kg	0.0000182 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		1.197 mg/kg		1.197 mg/kg	0.00012 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.071 mg/kg		0.071 mg/kg	0.0000071 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.591 mg/kg		1.591 mg/kg	0.000159 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.123 mg/kg		0.123 mg/kg	0.0000123 %		
25	fluoranthene	205-912-4	206-44-0		0.201 mg/kg		0.201 mg/kg	0.0000201 %		
26	fluorene	201-695-5	86-73-7		0.268 mg/kg		0.268 mg/kg	0.0000268 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.488 mg/kg		0.488 mg/kg	0.0000488 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.265 mg/kg		0.265 mg/kg	0.0000265 %		
29	phenanthrene	201-581-5	85-01-8		1.268 mg/kg		1.268 mg/kg	0.000127 %		
30	pyrene	204-927-3	129-00-0		0.813 mg/kg		0.813 mg/kg	0.0000813 %		
31	pH		PH		8.9 pH		8.9 pH	8.9 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.101 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0157%)

Classification of sample: Sample 15

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

Sample details

Sample name: **Sample 15** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				157.8	mg/kg		157.8	mg/kg	0.0158 %		
2	arsenic { arsenic trioxide }				19.9	mg/kg	1.32	26.274	mg/kg	0.00263 %		
3	beryllium { beryllium oxide }				1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.12	mg/kg	13.43	28.472	mg/kg	0.00285 %		
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				38.6	mg/kg	1.462	56.416	mg/kg	0.00564 %		
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.05	mg/kg	1.923	0.0962	mg/kg	0.00000962 %		
8	copper { dicopper oxide; copper (I) oxide }				194.9	mg/kg	1.126	219.436	mg/kg	0.0219 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	164.1	mg/kg		164.1	mg/kg	0.0164 %		
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
11	nickel { nickel dihydroxide }				34	mg/kg	1.579	53.703	mg/kg	0.00537 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				40.1	mg/kg	1.785	71.586	mg/kg	0.00716 %		
14	zinc { zinc oxide }				158.9	mg/kg	1.245	197.785	mg/kg	0.0198 %		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.114 mg/kg		0.114 mg/kg	0.0000114 %		
16	acenaphthylene	205-917-1	208-96-8		0.048 mg/kg		0.048 mg/kg	0.0000048 %		
17	anthracene	204-371-1	120-12-7		1.487 mg/kg		1.487 mg/kg	0.000149 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.062 mg/kg		1.062 mg/kg	0.000106 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.849 mg/kg		0.849 mg/kg	0.0000849 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.234 mg/kg		0.234 mg/kg	0.0000234 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		1.258 mg/kg		1.258 mg/kg	0.000126 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.505 mg/kg		0.505 mg/kg	0.0000505 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.706 mg/kg		0.706 mg/kg	0.0000706 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.142 mg/kg		0.142 mg/kg	0.0000142 %		
25	fluoranthene	205-912-4	206-44-0		1.864 mg/kg		1.864 mg/kg	0.000186 %		
26	fluorene	201-695-5	86-73-7		0.037 mg/kg		0.037 mg/kg	0.0000037 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.064 mg/kg		1.064 mg/kg	0.000106 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.122 mg/kg		0.122 mg/kg	0.0000122 %		
29	phenanthrene	201-581-5	85-01-8		0.644 mg/kg		0.644 mg/kg	0.0000644 %		
30	pyrene	204-927-3	129-00-0		1.373 mg/kg		1.373 mg/kg	0.000137 %		
31	pH		PH		9 pH		9 pH	9pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.099 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"
Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%)
because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 9.62e-06%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%) because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: Sample 16

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

Sample details

Sample name: **Sample 16** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				130.8	mg/kg		130.8	mg/kg	0.0131 %		
			TPH									
2	arsenic { arsenic trioxide }				19.1	mg/kg	1.32	25.218	mg/kg	0.00252 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.28	mg/kg	13.43	30.62	mg/kg	0.00306 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				24.2	mg/kg	1.462	35.37	mg/kg	0.00354 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.044	mg/kg	1.923	0.0846	mg/kg	0.00000846 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				203.7	mg/kg	1.126	229.343	mg/kg	0.0229 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	174.7	mg/kg		174.7	mg/kg	0.0175 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				34.6	mg/kg	1.579	54.651	mg/kg	0.00547 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				39.4	mg/kg	1.785	70.336	mg/kg	0.00703 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				128.6	mg/kg	1.245	160.07	mg/kg	0.016 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.078 mg/kg		0.078 mg/kg	0.0000078 %		
16	acenaphthylene	205-917-1	208-96-8		0.012 mg/kg		0.012 mg/kg	0.0000012 %		
17	anthracene	204-371-1	120-12-7		1.079 mg/kg		1.079 mg/kg	0.000108 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.834 mg/kg		0.834 mg/kg	0.0000834 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.052 mg/kg		1.052 mg/kg	0.000105 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.175 mg/kg		0.175 mg/kg	0.0000175 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.409 mg/kg		0.409 mg/kg	0.0000409 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.704 mg/kg		0.704 mg/kg	0.0000704 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.23 mg/kg		0.23 mg/kg	0.000023 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.09 mg/kg		0.09 mg/kg	0.000009 %		
25	fluoranthene	205-912-4	206-44-0		2.978 mg/kg		2.978 mg/kg	0.000298 %		
26	fluorene	201-695-5	86-73-7		0.176 mg/kg		0.176 mg/kg	0.0000176 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.029 mg/kg		1.029 mg/kg	0.000103 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.267 mg/kg		0.267 mg/kg	0.0000267 %		
29	phenanthrene	201-581-5	85-01-8		0.679 mg/kg		0.679 mg/kg	0.0000679 %		
30	pyrene	204-927-3	129-00-0		2.458 mg/kg		2.458 mg/kg	0.000246 %		
31	pH		PH		8.2 pH		8.2 pH	8.2 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0927 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 8.46e-06%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0131%)

Classification of sample: Sample 17

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				157.9	mg/kg		157.9	mg/kg	0.0158 %		
2	arsenic { arsenic trioxide }				17.9	mg/kg	1.32	23.634	mg/kg	0.00236 %		
3	beryllium { beryllium oxide }				1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.26	mg/kg	13.43	30.352	mg/kg	0.00304 %		
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				28.4	mg/kg	1.462	41.508	mg/kg	0.00415 %		
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.00000769 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }				190.6	mg/kg	1.126	214.594	mg/kg	0.0215 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	189.4	mg/kg		189.4	mg/kg	0.0189 %		
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
11	nickel { nickel dihydroxide }				31.8	mg/kg	1.579	50.228	mg/kg	0.00502 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				39.5	mg/kg	1.785	70.515	mg/kg	0.00705 %		
14	zinc { zinc oxide }				140.5	mg/kg	1.245	174.882	mg/kg	0.0175 %		

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.029 mg/kg		0.029 mg/kg	0.0000029 %		
16	acenaphthylene	205-917-1	208-96-8		0.025 mg/kg		0.025 mg/kg	0.0000025 %		
17	anthracene	204-371-1	120-12-7		0.524 mg/kg		0.524 mg/kg	0.0000524 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.199 mg/kg		0.199 mg/kg	0.0000199 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.258 mg/kg		0.258 mg/kg	0.0000258 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.147 mg/kg		0.147 mg/kg	0.0000147 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.763 mg/kg		0.763 mg/kg	0.0000763 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.657 mg/kg		0.657 mg/kg	0.0000657 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	1.482 mg/kg		1.482 mg/kg	0.000148 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.146 mg/kg		0.146 mg/kg	0.0000146 %		
25	fluoranthene	205-912-4	206-44-0		2.846 mg/kg		2.846 mg/kg	0.000285 %		
26	fluorene	201-695-5	86-73-7		0.106 mg/kg		0.106 mg/kg	0.0000106 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.234 mg/kg		1.234 mg/kg	0.000123 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.424 mg/kg		0.424 mg/kg	0.0000424 %		
29	phenanthrene	201-581-5	85-01-8		1.06 mg/kg		1.06 mg/kg	0.000106 %		
30	pyrene	204-927-3	129-00-0		1.472 mg/kg		1.472 mg/kg	0.000147 %		
31	pH		PH		8.1 pH		8.1 pH	8.1 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0967 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

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

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 18

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

Sample details

Sample name: **Sample 18** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				128.6	mg/kg		128.6	mg/kg	0.0129 %		
			TPH									
2	arsenic { arsenic trioxide }				14.2	mg/kg	1.32	18.749	mg/kg	0.00187 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.2	mg/kg	2.775	3.33	mg/kg	0.000333 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.29	mg/kg	13.43	30.755	mg/kg	0.00308 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				26.5	mg/kg	1.462	38.731	mg/kg	0.00387 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				0.055	mg/kg	1.923	0.106	mg/kg	0.0000106 %		
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				177.6	mg/kg	1.126	199.958	mg/kg	0.02 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	152.9	mg/kg		152.9	mg/kg	0.0153 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				36.6	mg/kg	1.579	57.81	mg/kg	0.00578 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				30.2	mg/kg	1.785	53.913	mg/kg	0.00539 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				177.3	mg/kg	1.245	220.688	mg/kg	0.0221 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.065 mg/kg		0.065 mg/kg	0.000065 %		
16	acenaphthylene	205-917-1	208-96-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
17	anthracene	204-371-1	120-12-7		0.84 mg/kg		0.84 mg/kg	0.000084 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.501 mg/kg		0.501 mg/kg	0.0000501 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.122 mg/kg		0.122 mg/kg	0.0000122 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.115 mg/kg		0.115 mg/kg	0.0000115 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.484 mg/kg		0.484 mg/kg	0.0000484 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.471 mg/kg		0.471 mg/kg	0.0000471 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.579 mg/kg		0.579 mg/kg	0.0000579 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.087 mg/kg		0.087 mg/kg	0.0000087 %		
25	fluoranthene	205-912-4	206-44-0		0.69 mg/kg		0.69 mg/kg	0.000069 %		
26	fluorene	201-695-5	86-73-7		0.121 mg/kg		0.121 mg/kg	0.0000121 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.653 mg/kg		0.653 mg/kg	0.0000653 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.175 mg/kg		0.175 mg/kg	0.0000175 %		
29	phenanthrene	201-581-5	85-01-8		0.101 mg/kg		0.101 mg/kg	0.0000101 %		
30	pyrene	204-927-3	129-00-0		2.008 mg/kg		2.008 mg/kg	0.000201 %		
31	pH		PH		8.3 pH		8.3 pH	8.3 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.0913 %		

Key

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

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10000 mg/kg (1%) because: Low concentration and conditions suggest low likelihood of hazards occurring.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide (compound conc.: 0.00001%)

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1111111 mg/kg (111.11%)
because: No Liquid Phase Present

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0129%)

Classification of sample: Sample 19

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

Sample details

Sample name: **Sample 19** LoW Code: Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				184.4	mg/kg		184.4	mg/kg	0.0184 %		
			TPH									
2	arsenic { arsenic trioxide }				21.3	mg/kg	1.32	28.123	mg/kg	0.00281 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.3	mg/kg	2.775	3.608	mg/kg	0.000361 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.19	mg/kg	13.43	29.412	mg/kg	0.00294 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				38.9	mg/kg	1.462	56.855	mg/kg	0.00569 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.00000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				189.9	mg/kg	1.126	213.806	mg/kg	0.0214 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	183	mg/kg		183	mg/kg	0.0183 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				44.6	mg/kg	1.579	70.446	mg/kg	0.00704 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				44.9	mg/kg	1.785	80.155	mg/kg	0.00802 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				198.7	mg/kg	1.245	247.325	mg/kg	0.0247 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
16	acenaphthylene	205-917-1	208-96-8		0.055 mg/kg		0.055 mg/kg	0.0000055 %		
17	anthracene	204-371-1	120-12-7		0.334 mg/kg		0.334 mg/kg	0.0000334 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6		0.253 mg/kg		0.253 mg/kg	0.0000253 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.14 mg/kg		1.14 mg/kg	0.000114 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.28 mg/kg		0.28 mg/kg	0.000028 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.209 mg/kg		0.209 mg/kg	0.0000209 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.093 mg/kg		0.093 mg/kg	0.0000093 %		
23	chrysene	601-048-00-0	205-923-4		1.728 mg/kg		1.728 mg/kg	0.000173 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.101 mg/kg		0.101 mg/kg	0.0000101 %		
25	fluoranthene	205-912-4	206-44-0		2.943 mg/kg		2.943 mg/kg	0.000294 %		
26	fluorene	201-695-5	86-73-7		0.074 mg/kg		0.074 mg/kg	0.0000074 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.632 mg/kg		0.632 mg/kg	0.0000632 %		
28	naphthalene	601-052-00-2	202-049-5		0.186 mg/kg		0.186 mg/kg	0.0000186 %		
29	phenanthrene	201-581-5	85-01-8		0.346 mg/kg		0.346 mg/kg	0.0000346 %		
30	pyrene	204-927-3	129-00-0		1.817 mg/kg		1.817 mg/kg	0.000182 %		
31	pH		PH		8.8 pH		8.8 pH	8.8 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
33	phenol	604-001-00-2	203-632-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.111 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)**
because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0184%)

EVALUATION VERSION

EVALUATION VERSION

Classification of sample: Sample 20

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

Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	TPH (C6 to C40) petroleum group				99.3	mg/kg		99.3	mg/kg	0.00993 %		
			TPH									
2	arsenic { arsenic trioxide }				16.8	mg/kg	1.32	22.181	mg/kg	0.00222 %		
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				1.1	mg/kg	2.775	3.053	mg/kg	0.000305 %		
	004-003-00-8	215-133-1	1304-56-9									
4	boron { boron tribromide/trichloride/trifluoride (combined) }				2.39	mg/kg	13.43	32.098	mg/kg	0.00321 %		
			10294-33-4, 10294-34-5, 7637-07-2									
5	cadmium { cadmium sulfide }			1	<1.6	mg/kg	1.285	<2.056	mg/kg	<0.00016 %		<LOD
	048-010-00-4	215-147-8	1306-23-6									
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				34.5	mg/kg	1.462	50.424	mg/kg	0.00504 %		
		215-160-9	1308-38-9									
7	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.04	mg/kg	1.923	<0.0769	mg/kg	<0.0000769 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				181.1	mg/kg	1.126	203.898	mg/kg	0.0204 %		
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	157.9	mg/kg		157.9	mg/kg	0.0158 %		
	082-001-00-6											
10	mercury { mercury dichloride }				<0.7	mg/kg	1.353	<0.947	mg/kg	<0.0000947 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel dihydroxide }				37.9	mg/kg	1.579	59.863	mg/kg	0.00599 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3	mg/kg	1.405	<4.215	mg/kg	<0.000422 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				28.5	mg/kg	1.785	50.878	mg/kg	0.00509 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				249.7	mg/kg	1.245	310.805	mg/kg	0.0311 %		
	030-013-00-7	215-222-5	1314-13-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	acenaphthene	201-469-6	83-32-9		0.089 mg/kg		0.089 mg/kg	0.0000089 %		
16	acenaphthylene	205-917-1	208-96-8		0.077 mg/kg		0.077 mg/kg	0.0000077 %		
17	anthracene	204-371-1	120-12-7		1.67 mg/kg		1.67 mg/kg	0.000167 %		
18	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.387 mg/kg		0.387 mg/kg	0.0000387 %		
19	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.121 mg/kg		0.121 mg/kg	0.0000121 %		
20	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.218 mg/kg		0.218 mg/kg	0.0000218 %		
21	benzo[ghi]perylene	205-883-8	191-24-2		0.189 mg/kg		0.189 mg/kg	0.0000189 %		
22	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.413 mg/kg		0.413 mg/kg	0.0000413 %		
23	chrysene	601-048-00-0	205-923-4	218-01-9	0.557 mg/kg		0.557 mg/kg	0.0000557 %		
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.06 mg/kg		0.06 mg/kg	0.000006 %		
25	fluoranthene	205-912-4	206-44-0		2.748 mg/kg		2.748 mg/kg	0.000275 %		
26	fluorene	201-695-5	86-73-7		0.018 mg/kg		0.018 mg/kg	0.0000018 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.98 mg/kg		0.98 mg/kg	0.000098 %		
28	naphthalene	601-052-00-2	202-049-5	91-20-3	0.188 mg/kg		0.188 mg/kg	0.0000188 %		
29	phenanthrene	201-581-5	85-01-8		1.479 mg/kg		1.479 mg/kg	0.000148 %		
30	pyrene	204-927-3	129-00-0		2.255 mg/kg		2.255 mg/kg	0.000225 %		
31	pH		PH		8.6 pH		8.6 pH	8.6 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
33	phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34	asbestos fibres detected (Yes/No)		ACM_FIBRES		No					
Total:								0.1 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: **1111111 mg/kg (111.11%)** because: **No Liquid Phase Present**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00993%)

EVALUATION VERSION

EVALUATION VERSION

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

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

• **boron tribromide/trichloride/trifluoride (combined)** (CAS Number: 10294-33-4, 10294-34-5, 7637-07-2)

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride

Data source: N/A

Data source date: 06 Aug 2015

Hazard Statements: EUH014 , Acute Tox. 2; H330 , Acute Tox. 2; H300 , Skin Corr. 1A; H314 , Skin Corr. 1B; H314

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

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

Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• **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

• **asbestos fibres detected (Yes/No)** (CAS Number: ACM_FIBRES)

Description/Comments: not classified, information only
Data source: N/A
Data source date: 15 Jan 2020
Hazard Statements: None.

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

beryllium {beryllium oxide}

Worst case species based on hazard statements

boron {boron tribromide/trichloride/trifluoride (combined)}

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Most Likely Species

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worse Case Scenario

zinc {zinc oxide}

Most Likely Species

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

Worst case species

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2025.231.6753.12253 (19 Aug 2025)

HazWasteOnline Database: 2025.227.6750.12249 (16 Aug 2025)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

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

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

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

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

GB MCL List v6.0 - version 6.0 of 15th February 2025