

require licensing and notification to the appropriate authority before work commences. All work with asbestos materials must be initially assessed by a competent person and various requirements arise from that assessment.

The HSE has published a Code of Practice for CAR 2012 which does not include specific guidance regulating asbestos in soils. In March 2014 CIRIA published C733 Asbestos in Soil and Made Ground: A guide to understanding and managing risks [6]. In 2016 a guide was published by CL:AIRE referred to as 'Interpretation for managing and working with asbestos in soils CAR-SOIL™'[5], which is currently the most authoritative guide on the topic and should be followed. CAR-SOIL™ confirms that all work with asbestos in soil should be carried out under a 'plan of work' and defines the contents of that plan.

In order for asbestos found within soil to pose a risk to health, it has to be present in a form that can release fibres to air for inhalation (or may do after it has been disturbed). The potential for fibre release is likely to be relatively lower when asbestos is present in soil in the form of cements or other 'bonded' materials and higher when friable forms or unconsolidated forms such as 'free fibres' are present. However, even cemented and bonded ACM may eventually degrade and release fibres and can be disturbed and broken during construction for instance.

The release of fibres from the soil into the air can occur via wind-blown disturbance or physical disturbance either during site development (e.g. construction, remediation or earthworks) or during site use after development. The concentration of airborne fibres released is influenced by many factors including asbestos type, ACM type and condition/state, depth, distribution and concentration in soil, soil type, and soil moisture content. There is limited data on the release of airborne fibres from soils in real world environments, but soil moisture content has a particularly significant impact. In laboratory studies, the addition of 5% moisture to a dry soil reduced airborne fibre release by 80-95% and no airborne fibre were detected when the soil moisture content was greater than 15%.

There are currently no generic assessment criteria for asbestos in soils and C733 makes it clear that such criteria are unlikely in the near future due to uncertainties on the mechanisms for fibre release, calculating the likely exposure and the risk of harm at low levels of exposure. Instead the report recommends site specific assessment based on multiple lines of evidence.

Analysis has been performed to the lowest possible accredited detection limit routinely reported by laboratories (0.001%) and a robust strategy to sever plausible pollutant linkages will be adopted in the remediation strategy, to reduce exposure as low as reasonably practicable during development and prevent exposure after development.

B3 Controlled waters

Assessment of risks to water resources is completed in general accordance with the Environment Agency Groundwater Protection guides for England and Wales [39].

The Environment Agency has developed specific guidance known as the Remedial Targets Methodology (RTM) [40] for the tiered assessment of risks to controlled waters. The first stage of quantitative risk assessment is undertaken by an initial screening of reported leachate and/or groundwater/surface water concentrations against selected published water quality standards (WQS) for potential contaminants of concern to identify those contaminants which warrant further detailed investigation.

The WQS are selected to assess potential risks to the controlled water receptors identified in the preliminary conceptual site model. The WQS can be derived in several ways with consideration to:

- whether the substance is classified as hazardous or non-hazardous under the Water Framework Directive (2000/60/EC) and Groundwater Daughter Directive (2006/118/EC);
- background concentrations in the aquifer; and
- published guidance such as Environmental Quality Standards (EQS) that are protective of surface waters or the Water Supply (Water Quality) Regulations 2016 that are protective of drinking water.

Where groundwater contamination has been identified, the general approach is to use a published environmental standard which is relevant to the current or intended use of the aquifer. The following regulations and guidance have been referenced to select appropriate WQS for controlled waters:

- Environmental Quality Standards (EQS) for fresh water and salt water
 - EQS listed in the Water Framework Directive (WFD) 2015 [9];
 - Other values not listed in WFD and taken from EA operational EQS [10];
- UK Drinking Water Standards (UK DWS) [11];
- EU Drinking Water Standards (EU DWS) [12];
- World Health Organisation (WHO) drinking water standards [13][14];
- United States Environmental Protection Agency (USEPA) 2018 drinking water standards [15] and national aquatic life criteria [16].

The use of published conservative WQS allows for an initial assessment of results. Results that are above the WQS do not necessarily represent a risk to controlled waters; alternative lines of evidence should be considered, such as (but not limited to):

- Background / upgradient groundwater and surface water concentrations or regional water quality. Assessment of the downgradient water quality.
- Assessment against alternative EQS, for example based on an average or hardness corrected WQS.
- Review of trends in concentrations (e.g. seasonal, tidal) and lateral/vertical distribution.
- Assessment of whether the concentration is erroneous or anomalous and has been biased, for example, because of high sediment content.

- Comparison against compound properties, such as solubility limit.
- Review of soil, soil leachate and groundwater concentrations and field records (e.g. logs, in situ monitoring) to establish whether there is a correlation.
- Consideration of the conceptual site model with assessment of contaminant linkages to establish whether there is a plausible pathway and/or receptor.
- Where a potentially unacceptable linkage remains, generation of site specific controlled waters assessment criteria should be considered based on a detailed quantitative risk assessment.

B4 Ground gas

The following published guidance on the assessment of ground gas has been used in the assessment:

- BS 8485 (2015+A1:2019) Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings [20]; and
- Wilson, Card and Haines (2009) Ground gas handbook [21].

The Ground gas handbook describes a process of deriving gas screening values (GSV) for hazardous ground gases (it summarises the guidance presented in above). The method uses both gas concentrations and borehole flow rates to define a range of characteristic situations (CS1 to CS6) based on limiting borehole gas volume flow for methane and carbon dioxide. The GSV is calculated by multiplying the borehole flow rate (litres per hour) by the gas concentration.

B5 Waste assessment methodology

B5.1 Overview

The process of waste classification requires a series of iterative steps. The first step is to determine if the excavated material is a 'waste' or 'non-waste'. The EU Waste Framework Directive 2008/98/EC (WFD) defines waste as "any substance or object which the holder discards or intends or is required to discard". The meaning of the word 'discard' under the WFD has a special meaning and is not necessarily the same as the dictionary definition. The European Commission has provided guidance on the interpretation of key provisions of the Directive 2008/98/EC on waste.

Excavated material may be suitable and required for use in the scheme without any treatment. It is unlikely that such excavated material will be a waste if it is suitable for use without treatment, used in appropriate quantities based on the scheme design and earthworks mass balance, and that use is certain. If there is a specific requirement to reuse excavated material, mostly onsite but in some cases offsite (under the CL:AIRE code of practice) then that material might be a non-waste based on meeting certain requirements (suitability for use, used in defined quantities and the use being certain). Some excavated material may not have the

required characteristics for use without first being treated. If treatment (excepting certain geotechnical treatments) is needed in order to make the material ready for use those materials will be waste but may cease to be waste once treated and suitable for use. This treatment may be biological, chemical, physical or any combination of these and will need to be carried out under an appropriate authorisation (such as an environmental permit or mobile plant permit).

Excavated material may initially be classed as a 'waste' but that does not preclude the material becoming a 'non-waste' based on a set of circumstances. Similarly a material classed as a non-waste initially may become a waste, for instance if the use of that material is no longer certain, or there is too much of that material for the intended use or some unexpected contamination was encountered and it was not 'suitable for use' without treatment.

If the excavated material is a waste, then it is typically split into two initial categories as defined in the List of Wastes (LoW) as follows:

1. Material that is classed as 'hazardous waste' (LoW code 17 05 03*: soil and stones containing hazardous substances); or
2. Material that is not hazardous waste (LoW code: 17 05 04: soil and stones other than those mentioned in 17 05 03).

It is a legal requirement to treat waste prior to disposal. Treatment must be a physical, thermal, chemical or biological process and change the characteristics of the waste to reduce its volume or hazards or make it easier to handle or recover. Treatment may include sorting and segregation, such as removal of visible fragments of asbestos or concrete.

B5.2 Hazardous waste classification

The following documents were used to carry out the initial waste classification and disposal assessment of Made Ground and natural soil arisings generated by the development:

- Environment Agency (2021), Waste Classification, Guidance on the classification and assessment of waste (1st Edition 1.2.GB), Technical guidance WM3 [28]
- The Hazardous Waste (England and Wales) Regulations; and
- Table 3.2 of Annex VI to Regulation (EC) No. 1272/2008.

Metals may be classified as hazardous based on a number of potential hazardous properties including carcinogenic (HP7 lowest threshold 1,000mg/kg), ecotoxic (HP14 lowest threshold 2,500mg/kg), acute toxicity (HP6 lowest threshold 2,500mg/kg), toxic for reproduction (HP10 lowest threshold 3,000mg/kg) and specific organ toxicity (HP5 lowest threshold 100,000mg/kg). Except for HP7, the other classifications are additive, i.e. the concentrations are converted to the worst case (for harm) compound and added together before comparison with the thresholds.

Hydrocarbons in contaminated soils are generally categorised against the hazardous properties carcinogenic (HP7), mutagenic (HP11) and ecotoxic (HP14). For HP7, waste would be defined as hazardous if category 1A or 1B carcinogenic compounds (e.g. benzene) exceeded 0.1% (1,000mg/kg), or category 2 compounds (e.g. diesel) exceeded 1% (10,000mg/kg). TPH is an aggregate parameter that includes a range of carcinogenic compounds, along with other elements not classified as carcinogenic. In most circumstances TPH contaminated soil and stones should be assessed as 'unknown oil' unless there is a specific documented record or a consistent hydrocarbon profile to indicate diesel or weathered diesel being the contaminating oil and a worst case should be assumed.

For an unknown oil if the concentration of TPH is $\geq 0.1\%$ the waste will be HP7 Carcinogenic and HP11 Mutagenic unless the concentration of benzo[a]pyrene is $<0.01\%$ of the TPH concentration.

The results have been compared against hazardous waste thresholds using a commercially available software package (HazWasteOnlineTM). The selection of chemical compounds is based on the most likely to be present in the soil considering the laboratory analytical reports and the conceptual site model. Justification for the selection is presented in the HazWasteOnline output reports (Appendix D).

The waste classification of soils containing asbestos has been undertaken alongside the HazWasteOnline assessment. If the waste contains fibres that are free and dispersed, then the waste will be hazardous if (as a whole) it contains 0.1% or more asbestos. While it is likely that ACM, such as cemented asbestos, board or lagging, will exceed such a threshold, the quantity of ACM in a bulk sample of soil will often be below this level. WM3 states that where a waste contains identifiable pieces of ACM (that can be identified as potentially being asbestos by a competent person if examined by the naked eye) then these pieces must be assessed separately. If the ACM cannot be segregated the waste is regarded as hazardous if the concentration of asbestos in the ACM pieces alone is greater than 0.1%w/w.

Appendix C

Assessment screening tables

C1 Human health soil screening table

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Project: London4, Hayes Human Health Assessment- Soils		Exploratory hole Sample depth (m) Date sampled	WS215 0.6 14.9.21	TP306 0.8 14.9.21	WS205 0.5 14.9.21	WS205A 0.2 14.9.21	WS203 0.3 29.9.21	WS203 1 29.9.21	WS205A 2 29.9.21	WS214 1.5 30.9.21	WS215 2 30.9.21	WS215 4 30.9.21	BH110 0.3 1.10.21	BH110 1.2 1.10.21	WS217 0.7 1.10.21	BH107 0.3 7.10.21	BH107 0.6 7.10.21	BH108 0.3 7.10.21	BH108 1.5 15.10.21	BH107 2.5 21.10.21	BH107 5.5 21.10.21	WS208 0.4 10.9.21	WS208 100-1.20 10.9.21	WS208 2.4 10.9.21	WS213 0.3 10.9.21	WS213 1 10.9.21
Determinants	Units	Criterion*	MG	MG	MG	MG	MG	LS	LS	MG	LS	LHG	MG	MG	Conc	MG	LHG	MG	LHG	LHG	LHG	MG	LHG	LHG	MG	MG
Bromobenzene	ug/kg	91500																								
n-Propylbenzene	ug/kg	NC																								
2-Chlorotoluene	ug/kg	NC																								
4-Chlorotoluene	ug/kg	NC																								
1,3,5-Trimethylbenzene	ug/kg	NC																								
tert-Butylbenzene	ug/kg	NC																								
1,2,4-Trimethylbenzene	ug/kg	39400																								
sec-Butylbenzene	ug/kg	NC																								
1,3-Dichlorobenzene	ug/kg	29900																								
p-Isopropyltoluene	ug/kg	NC																								
1,2-Dichlorobenzene	ug/kg	2020000																								
1,4-Dichlorobenzene	ug/kg	4220000																								
Butylbenzene	ug/kg	NC																								
1,2-Dibromo-3-chloropropane	ug/kg	NC																								
1,2,4-Trichlorobenzene	ug/kg	215000																								
Hexachlorobutadiene	ug/kg	30700																								
1,2,3-Trichlorobenzene	ug/kg	102000																								
SVOC																										
Aniline	mg/kg	NC																								
Phenol	mg/kg	NC																								
2-Chlorophenol	mg/kg	3500000																								
Bis(2-chloroethyl)ether	mg/kg	NC																								
1,3-Dichlorobenzene	mg/kg	29900																								
1,2-Dichlorobenzene	mg/kg	2020000																								
1,4-Dichlorobenzene	mg/kg	4220000																								
Bis(2-chloroisopropyl)ether	mg/kg	NC																								
2-Methylphenol	mg/kg	160000000																								
Hexachloroethane	mg/kg	20900																								
Nitrobenzene	mg/kg	NC																								
4-Methylphenol	mg/kg	162000000																								
Isophorone	mg/kg	NC																								
2-Nitrophenol	mg/kg	NC																								
2,4-Dimethylphenol	mg/kg	15700000																								
Bis(2-chloroethoxymethane	mg/kg	NC																								
1,2,4-Trichlorobenzene	mg/kg	215000																								
Naphthalene	mg/kg	193000																								
2,4-Dichlorophenol	mg/kg	3420000																								
4-Chloroaniline	mg/kg	NC																								
Hexachlorobutadiene	mg/kg	30700																								
4-Chloro-3-methylphenol	mg/kg	NC																								
2,4,6-Trichlorophenol	mg/kg	3850000																								
2,4,5-Trichlorophenol	mg/kg	NC																								
2-Methylnaphthalene	mg/kg	NC																								
2-Chloronaphthalene	mg/kg	370000																								
Dimethylphthalate	mg/kg	NC																								
2,6-Dinitrotoluene	mg/kg	1850000																								
Acenaphthylene	mg/kg	83200000																								
Acenaphthene	mg/kg	63700000																								
2,4-Dinitrotoluene	mg/kg	3720000																								
Dibenzofuran	mg/kg	NC																								
4-Chlorophenyl phenyl ether	mg/kg	NC																								
Diethyl phthalate	mg/kg	144000000																								
4-Nitroaniline	mg/kg	NC																								
Fluorene	mg/kg	63000000																								
Azobenzene	mg/kg	NC																								
Bromophenyl phenyl ether	mg/kg	NC																								
Hexachlorobenzene	mg/kg	104000																								
Phenanthrene	mg/kg	21900000																								
Anthracene	mg/kg	523000000																								
Carbazole	mg/kg	NC																								
Dibutyl phthalate	mg/kg	15400000																								
Anthraquinone	mg/kg	NC																								
Fluoranthene	mg/kg	22600000																								
Pyrene	mg/kg	54200000																								
Butyl benzyl phthalate	mg/kg	940280000																								
Benzo(a)anthracene	mg/kg	167000																								
Chrysene	mg/kg	346000																								
Benzo(b)fluoranthene	mg/kg	44300																								
Benzo(k)fluoranthene	mg/kg	1170000																								
Benzo(a)pyrene	mg/kg	35200																								
Indeno(1,2,3-cd)pyrene	mg/kg	5010000																								
Dibenzo(a,h)anthracene	mg/kg	3530																								
Benzo(ghi)perylene	mg/kg	3930000																								

C2 Ground gas assessment

Project: London4, Hayes Ground gas monitoring														
Round	BH	Date	Atm pressure (mb)	Depth to GW (m)	Max Flow rate (l/hr)	Max Methane (%)	Max Carbon dioxide (%)	Hydrogen Sulfide (ppm)	Min Oxygen (%)	Max CO (ppm)	GSV Methane (l/hr)	GSV Carbon dioxide (l/hr)	CS	Max PID (ppm)
1	BH101	26.10.21	1014	DRY	0.1	0.1	0.8	0.1	9.3	0.1	0.0001	0.0008	CS1	1
1	BH105	26.10.21	1014	DRY	0.1	0.1	0.1	0.1	20	0.1	0.0001	0.0001	CS1	1.8
1	BH106	27.10.21	1016	1.64	0.1	0.1	2.3	0.1	14.9	0.1	0.0001	0.0023	CS1	0.8
1	WS201	27.10.21	1015	DRY	0.6	0.1	7.6	0.1	11.2	0.1	0.0006	0.0456	CS1	0.9
1	WS204	27.10.21	1013	DRY	0.1	0.1	0.2	0.1	18.6	0.1	0.0001	0.0002	CS1	0.2
1	WS206	26.10.21	1016	1.99	0.1	0.1	0.1	0.1	20.4	0.1	0.0001	0.0001	CS1	2.1
1	WS207C	26.10.21	1015	DRY	0.1	0.1	0.1	0.1	19.8	0.1	0.0001	0.0001	CS1	4.3
1	WS214	26.10.21	1015	DRY	0.1	0.1	0.7	0.1	3.1	0.1	0.0001	0.0007	CS1	1.1
2	BH101	3.11.21	1001	DRY	0.1	0.7	0.9	0.1	14.7	0.1	0.0007	0.0009	CS1	0.3
2	BH105	2.11.21	996	DRY	0.1	0.1	0.1	0.1	19.5	0.1	0.0001	0.0001	CS1	1.4
2	BH106	3.11.21	1001	1.65	0.1	0.9	2.9	0.1	15.5	0.1	0.0009	0.0029	CS1	0.7
2	WS201	2.11.21	997	DRY	0.1	0.5	4.6	0.1	11.5	0.1	0.0005	0.0046	CS1	0.5
2	WS204	3.11.21	1000	DRY	0.1	0.1	2.1	0.1	19.4	0.1	0.0001	0.0021	CS1	0.3
2	WS206	2.11.21	996	DRY	0.4	0.1	0.4	0.1	19.3	0.1	0.0004	0.0016	CS1	0.6
2	WS207C	2.11.21	996	DRY	0.9	0.1	0.1	0.1	19.5	0.1	0.0009	0.0009	CS1	0.2
2	WS214	2.11.21	996	DRY	0.1	0.5	0.8	0.1	2.6	0.1	0.0005	0.0008	CS1	1.6
3	BH101	10.11.21	1017	DRY	0.1	0.1	1.1	0.1	14.4	0.1	0.0001	0.0011	CS1	0.5
3	BH105	10.11.21	1017	DRY	0.1	0.1	0.1	0.1	19.7	0.1	0.0001	0.0001	CS1	1.2
3	BH106	11.11.21	1017	DRY	0.1	0.1	2.7	0.1	14.2	0.1	0.0001	0.0027	CS1	0.6
3	WS201	10.11.21	1017	DRY	0.1	0.1	4.9	0.1	13.4	14	0.0001	0.0049	CS1	0.3
3	WS204	10.11.21	1017	DRY	0.1	0.1	0.1	0.1	19.7	0.1	0.0001	0.0001	CS1	0.3
3	WS206	11.11.21	1018	DRY	0.1	0.1	0.5	0.1	19.5	0.1	0.0001	0.0005	CS1	3
3	WS207C	11.11.21	1020	DRY	0.1	0.1	0.1	0.1	19.8	0.1	0.0001	0.0001	CS1	0.6
3	WS214	10.11.21	1016	DRY	0.1	0.1	2.4	0.1	2.9	0.1	0.0001	0.0024	CS1	1.2
4	BH101	17.11.21	1020	DRY	0.1	0.1	1.3	0.1	14.1	0.1	0.0001	0.0013	CS1	0.3
4	BH105	16.11.21	1016	DRY	0.1	0.1	0.1	0.1	19.5	0.1	0.0001	0.0001	CS1	0.9
4	BH106	17.11.21	1020	DRY	0.1	0.1	2.5	0.1	15.3	0.1	0.0001	0.0025	CS1	0.5
4	WS201	17.11.21	1018	DRY	0.1	0.1	1.9	0.1	15.9	0.1	0.0001	0.0019	CS1	0.2
4	WS204	17.11.21	1019	DRY	0.1	0.1	0.2	0.1	18.6	0.1	0.0001	0.0002	CS1	0.3
4	WS206	16.11.21	1017	DRY	0.1	0.1	0.5	0.1	19.4	0.1	0.0001	0.0005	CS1	0.4
4	WS207C	16.11.21	1018	DRY	0.1	0.1	0.1	0.1	20	0.1	0.0001	0.0001	CS1	0.3
4	WS214	16.11.21	1015	DRY	0.1	0.1	0.8	0.1	0.9	0.1	0.0001	0.0008	CS1	0.7
5	BH101	25.11.21	1011	DRY	0.1	0.1	1.4	0.1	14.4	0.1	0.0001	0.0014	CS1	0.3
5	BH105	24.11.21	1014	DRY	0.1	0.1	0.3	0.1	19.6	0.1	0.0001	0.0003	CS1	0.5
5	BH106	24.11.21	1014	1.67	0.1	0.1	3.8	0.1	12.9	0.1	0.0001	0.0038	CS1	0.1
5	WS201	25.11.21	1010	DRY	0.1	0.1	2.3	0.1	15.9	0.1	0.0001	0.0023	CS1	0.1
5	WS204	24.11.21	1016	DRY	0.1	0.1	0.3	0.1	19.4	0.1	0.0001	0.0003	CS1	0.1

Project: London4, Hayes Ground gas monitoring														
Round	BH	Date	Atm pressure (mb)	Depth to GW (m)	Max Flow rate (l/hr)	Max Methane (%)	Max Carbon dioxide (%)	Hydrogen Sulfide (ppm)	Min Oxygen (%)	Max CO (ppm)	GSV Methane (l/hr)	GSV Carbon dioxide (l/hr)	CS	Max PID (ppm)
5	WS206	24.11.21	1016	DRY	0.1	0.4	2.2	0.1	18.8	0.1	0.0004	0.0022	CS1	0.3
5	WS207C	24.11.21	1013	DRY	0.1	0.1	1.2	0.1	18.2	0.1	0.0001	0.0012	CS1	0.2
5	WS214	25.11.21	1010	DRY	0.1	0.1	1.3	0.1	2.2	53	0.0001	0.0013	CS1	0.5
6	BH101	1.12.21	991	DRY	0.1	0.1	2.3	0.1	14.3	0.1	0.0001	0.0023	CS1	0.1
6	BH105	1.12.21	992	DRY	0.1	0.1	0.5	0.1	18.3	0.1	0.0001	0.0005	CS1	0.6
6	BH106	1.12.21	991	DRY	2.3	0.1	3.4	0.1	14.2	0.1	0.0023	0.0782	CS2	0.3
6	WS201	1.12.21	990	DRY	0.1	0.1	4	0.1	15.6	0.1	0.0001	0.004	CS1	0
6	WS204	1.12.21	991	DRY	0.1	0.1	0.2	0.1	18.5	0.1	0.0001	0.0002	CS1	0.1
6	WS206	1.12.21	991	DRY	0.4	0.1	0.7	0.1	9	0.1	0.0004	0.0028	CS1	0.2
6	WS207C	1.12.21	992	DRY	0.1	0.1	0.1	0.1	19.6	0.1	0.0001	0.0001	CS1	0.2
6	WS214	1.12.21	991	DRY	0.1	0.1	0.8	0.1	2.6	0.1	0.0001	0.0008	CS1	0.4

0.1 Concentration below detection limit

C3 Human health soil vapour screening table

Project: London4, Hayes Human Health Assessment - Soil Vapour					Exploratory hole	WS206	WS207C	BH106	WS206	WS207C	BH106
					Date sampled	11.11.21	11.11.21	11.11.21	24.11.21	24.11.21	24.11.21
					Strata	MG/LS	MG	LHG	MG/LS	MG	LHG
					Sampling round	1	1	1	2	2	2
Determinants	Units	Criterion (chronic)	Source (chronic)	Criterion (acute)	Source (acute)						
1,1,1-Trichloroethane	µg/m3	2083	TOX 25	100000	EH40 8hr WEL	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1,1,2,2-Tetrachloroethane	µg/m3	NC		NC		< 3.5	< 3.5	< 3.5	< 3.5	< 3.5	< 3.5
1,1,2-Trichloroethane	µg/m3	16	EIC/CL:AIRE	NC		< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8
1,1-Dichloroethene	µg/m3	NC		2000	EH40 8hr WEL	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1-Dichloroethane	µg/m3	NC		100000	EH40 8hr WEL	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
1,2,4-Trichlorobenzene	µg/m3	NC		1000	EH40 8hr WEL	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8	< 3.8
1,2,4-Trimethylbenzene	µg/m3	NC		25000	EH40 8hr WEL	5.4	< 2.5	2.8	10	< 2.5	2.8
1,2-Dibromoethane	µg/m3	NC		500.0	EH40 8hr WEL	< 3.9	< 3.9	< 3.9	< 3.9	< 3.9	< 3.9
1,2-Dichlorobenzene	µg/m3	NC		25000	EH40 8hr WEL	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,2-Dichloroethane	µg/m3	NC		5000	EH40 8hr WEL	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dichloropropane	µg/m3	NC		NC		< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4
1,3-Butadiene	µg/m3	NC		NC		< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1
1,3-Dichlorobenzene	µg/m3	NC		NC		< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,4-Dichlorobenzene	µg/m3	NC		2000	EH40 8hr WEL	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1
1,4-Dioxane	µg/m3	NC		20000	EH40 8hr WEL	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
4-Ethyltoluene	µg/m3	NC		NC		< 2.5	< 2.5	< 2.5	12	< 2.5	< 2.5
Acetone	µg/m3	NC		500000	EH40 8hr WEL	41	19	14	34	23	10
Acrolein	µg/m3	NC		20	EH40 8hr WEL	11	< 1.2	< 1.2	3.4	< 1.2	< 1.2
Bromodichloromethane	µg/m3	NC		NC		< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Benzyl chloride	µg/m3	NC		500	EH40 8hr WEL	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
Benzene	µg/m3	11.55	C4SL Inhal LLTC	1000	EH40 8hr WEL	1.9	< 1.0	1.4	4.2	< 1.0	1.5
Bromomethane	µg/m3	NC		5000	EH40 8hr WEL	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Cis-1,2-dichloroethene	µg/m3	NC		200000	EH40 8hr WEL	< 2.0	< 2.0	< 2.0	17	< 2.0	< 2.0
Cis-1,3-dichloropropene	µg/m3	NC		NC		< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Chlorobenzene	µg/m3	NC		1000	EH40 8hr WEL	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Carbon tetrachloride	µg/m3	NC		1000	EH40 8hr WEL	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2	< 3.2
Carbon disulphide	µg/m3	50	LQM/CIEH v2	5000	EH40 8hr WEL	6.5	7.2	18	5.9	4	25
Chloroethane	µg/m3	NC		50000	EH40 8hr WEL	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Chloroform	µg/m3	135	WHO/LQM/CIEH v2	2000	EH40 8hr WEL	4.8	< 2.5	2.8	7.3	< 2.5	3.5
Chloromethane	µg/m3	NC		50000	EH40 8hr WEL	< 1.0	< 1.0	< 1.0	2	1	1.9
Cyclohexane	µg/m3	NC		350000	EH40 8hr WEL	< 1.8	< 1.8	< 1.8	25	< 1.8	< 1.8
Dibromochloromethane	µg/m3	NC		NC		< 4.3	< 4.3	< 4.3	< 4.3	< 4.3	< 4.3
Dichlorodifluoromethane	µg/m3	NC		NC		< 2.5	2.8	< 2.5	3.1	2.6	2.5
Dichloromethane	µg/m3	452	EIC/CL:AIRE	100000	EH40 8hr WEL	11	7.7	12	14	7	7.9
Dichlorotetrafluoroethane	µg/m3	NC		1000000	EH40 8hr WEL	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6
Ethyl acetate	µg/m3	NC		734000	EH40 8hr WEL	< 1.8	< 1.8	2.5	< 1.8	< 1.8	< 1.8
Ethylbenzene	µg/m3	259	TOX17/S4UL	100000	EH40 8hr WEL	< 1.3	< 1.3	1.4	38	< 1.3	1.4
Ethanol	µg/m3	NC		1920000	EH40 8hr WEL	< 2.9	3.7	< 2.9	4.3	3.4	< 2.9
Hexachlorobutadiene	µg/m3	NC		NC		< 5.4	< 5.4	< 5.4	< 5.4	< 5.4	< 5.4
Heptane	µg/m3	NC		500000	EH40 8hr WEL	< 2.1	< 2.1	< 2.1	40	< 2.1	< 2.1
Hexane	µg/m3	407		20000	EH40 8hr WEL	4.5	4.1	4.5	9.6	< 1.8	< 1.8
Isopropyl alcohol	µg/m3	NC		400000	EH40 8hr WEL	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
2-Hexanone (MBK)	µg/m3	NC		5000	EH40 8hr WEL	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
MEK	µg/m3	NC		200000	EH40 8hr WEL	14	3.2	3.1	7.8	3.2	1.7
Methyl methacrylate	µg/m3	NC		50000	EH40 8hr WEL	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
MIBK	µg/m3	NC		50000	EH40 8hr WEL	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1	< 2.1
MTBE	µg/m3	NC		50000	EH40 8hr WEL	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
O-xylene	µg/m3	205	TOX19/S4UL	50000	EH40 8hr WEL	< 1.3	< 1.3	< 1.3	2.5	< 1.3	2.3
M/p-xylene	µg/m3	205	TOX19/S4UL	50000	EH40 8hr WEL	2.1	< 1.3	3	16	< 1.3	3.2
Propene	µg/m3	NC		NC		< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Styrene	µg/m3	420	EIC/CL:AIRE	100000	EH40 8hr WEL	2.5	< 2.2	5.9	< 2.2	< 2.2	6.8
Trans-1,2-dichloroethene	µg/m3	NC		200000	EH40 8hr WEL	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trans-1,3-dichloropropene	µg/m3	NC		NC		< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3
Bromoform	µg/m3	NC		NC		< 5.3	< 5.3	< 5.3	< 5.3	< 5.3	< 5.3
Trichloroethene	µg/m3	4.2	C4SL Inhal LLTC	100000	EH40 8hr WEL	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	3.4
Trichlorofluoromethane	µg/m3	NC		NC		4.6	< 2.9	< 2.9	6.1	< 2.9	< 2.9
Trichlorotrifluoroethane	µg/m3	NC		NC		< 3.9	< 3.9	< 3.9	< 3.9	< 3.9	< 3.9
Tetrachloroethene	µg/m3	35	C4SL Inhal LLTC	20000	EH40 8hr WEL	< 3.5	< 3.5	< 3.5	25	< 3.5	< 3.5
Tetrahydrofuran (THF)	µg/m3	NC		50000	EH40 8hr WEL	31	16	43	21	4.6	19
1,3,5-Trimethylbenzene	µg/m3	NC		125000	EH40 8hr WEL	< 2.5	< 2.5	< 2.5	12	< 2.5	< 2.5
Toluene	µg/m3	4895	TOX14/S4UL	50000	EH40 8hr WEL	2.1	1.3	5.6	4	< 1.2	5.8
Vinyl acetate	µg/m3	NC		5000	EH40 8hr WEL	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Vinyl chloride	µg/m3	20	C4SL Inhal LLTC	1000	EH40 8hr WEL	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3
Naphthalene	µg/m3	NC		NC		< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7
TPH Aliphatic C5-C6	µg/m3	18099	TPHCWG/S4UL	NC		< 30	< 30	< 30	< 30	< 30	< 30
TPH Aliphatic C6-C8	µg/m3	18099	TPHCWG/S4UL	NC		< 30	< 30	< 30	840	< 30	< 30
TPH Aliphatic C8-C10	µg/m3	500	TPHCWG/S4UL	NC		280	240	520	450	< 30	< 30
TPH Aromatic C6-C7	µg/m3	12	TPHCWG/S4UL	NC		< 30	< 30	< 30	< 30	< 30	< 30
TPH Aromatic C7-C8	µg/m3	4895	TPHCWG/S4UL	NC		< 30	< 30	< 30	< 30	< 30	< 30
TPH Aromatic C8-C10	µg/m3	100	TPHCWG/S4UL	NC		< 30	< 30	< 30	110	< 30	< 30
TPH >C10-C12	µg/m3	NC		NC		< 30	< 30	78	220	47	410
PRO >C5-C12	µg/m3	NC		NC		330	280	630	1600	52	480
TPH >C5-C6	µg/m3	NC		NC		< 30	< 30	< 30	< 30	< 30	< 30
TPH >C6-C8	µg/m3	NC		NC		< 30	< 30	< 30	850	< 30	< 30
TPH >C8-C10	µg/m3	NC		NC		290	250	530	570	< 30	51

C4 Soil leachate screening table

C5 Groundwater screening table

Project: London4, Hayes Controlled Waters Assessment- Groundwater and surface water				Yeading (upstream)	Yeading (downstream)	Yeading (upstream)	Yeading (downstream)
Exploratory hole				1	1	2	2
Sample round				03/11/2021	03/11/2021	18/11/2021	18/11/2021
Date sampled				03/11/2021	03/11/2021	18/11/2021	18/11/2021
Determinants	Units	Criterion*	Source				
Inorganics							
pH	pH Units	9.0	EQS*	8.1	8.1	7.8	7.8
Total Cyanide	µg/l	50	DWS	< 10	< 10	< 10	40
Sulphate as SO4	mg/l	250	DWS	156	151	125	153
Sulphide	µg/l	NC		< 5.0	< 5.0	< 5.0	< 5.0
Chloride	mg/l	250	EQS*/DWS	47	47	73	77
Ammoniacal Nitrogen as N	µg/l	1100	EQS	100	98	280	1400
Ammoniacal Nitrogen as NH4	µg/l	500	DWS	129	126	360	1800
Dissolved Organic Carbon (DOC)	mg/l	NC		7.66	10.9	7.35	11.2
Nitrate as N	mg/l	NC		2.36	2.59	3.11	3.02
Nitrate as NO3	mg/l	50	DWS	10.5	11.5	13.8	13.4
Nitrite as N	µg/l	NC		72	74	79	73
Nitrite as NO2	µg/l	500.0	DWS	240	240	260	240
Alkalinity as CaCO3	mg/l	NC		230	210	300	260
Hardness - Total	mgCaCO3/l	NC		383	367	360	395
Heavy Metals / Metalloids							
Calcium	mg/l	NC		120	120	120	130
Chromium (hexavalent)	µg/l	3.4	EQS	< 5.0	< 5.0	< 5.0	< 5.0
Iron	mg/l	200	DWS	0.04	0.041	0.053	0.13
Magnesium	mg/l	NC		18	17	17	17
Potassium	mg/l	NC		8.4	8.2	9.1	9.2
Sodium	mg/l	200	EUDWS	51	46	53	55
Antimony	µg/l	5.0	DWS	1.9	2	1.4	1.3
Arsenic	µg/l	10.0	DWS	1.63	1.58	2.18	1.81
Beryllium	µg/l	4.0	USEPA	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium	µg/l	0.250	EQS	0.02	0.02	< 0.02	< 0.02
Chromium	µg/l	4.7	EQS	2	1.4	2.3	2.7
Copper	µg/l	1.0	EQS	5.3	4.5	4.3	3.7
Lead	µg/l	1.2	EQS	0.4	0.4	0.9	0.2
Manganese	µg/l	50	DWS	12	16	21	170
Mercury	µg/l	1.0	DWS	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	µg/l	4.0	EQS	3.8	3.6	4.5	6.4
Selenium	µg/l	10	DWS	0.9	0.8	0.8	1.7
Vanadium	µg/l	60	EQS*	2.2	2.1	2.2	1.5
Zinc	µg/l	12.3	EQS	12	9.4	20	15
Phenols by HPLC							
Catechol	µg/l	NC		< 0.5	< 0.5		
Resorcinol	µg/l	NC		< 0.5	< 0.5		
Ethylphenol & Dimethylphenol	µg/l	NC		< 0.5	< 0.5		
Cresols	µg/l	NC		< 0.5	< 0.5		
Naphthols	µg/l	NC		< 0.5	< 0.5		
Isopropylphenol	µg/l	NC		< 0.5	< 0.5		
Phenol	µg/l	7.7	EQS	< 0.5	< 0.5		
Trimethylphenol	µg/l	NC		< 0.5	< 0.5		
Total Phenols							
Total Phenols (monohydric)	µg/l	NC		< 10	< 10	< 10	< 10
Total Phenols (HPLC)	µg/l	NC		< 3.5	< 3.5		
BTEX							
Benzene	ug/l	1	DWS	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/l	74	EQS	< 1.0	< 1.0	< 1.0	< 1.0
Ethyl Benzene	ug/l	20	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
m/p Xylenes	ug/l	30	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
o Xylene	ug/l	30	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	15	WHO	< 1.0	< 1.0	< 1.0	< 1.0
PAH							
Naphthalene	ug/l	2	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	ug/l	2000	USEPA	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	ug/l	0.10	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	ug/l	0.01	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]anthracene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo[b]fluoranthene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo[k]fluoranthene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]pyrene	ug/l	0.00017	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Indeno[1,2,3-cd]pyrene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Dibenzo[a,h]anthracene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo[g,h,i]perylene	ug/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Total (USEPA16) PAHs	ug/l	NC		< 0.16	< 0.16	< 0.16	< 0.16
PCB							
PCB 81	ug/l	NC		< 0.020	< 0.020		
PCB 77	ug/l	NC		< 0.020	< 0.020		
PCB 123	ug/l	NC		< 0.020	< 0.020		
PCB 118	ug/l	NC		< 0.020	< 0.020		
PCB 114	ug/l	NC		< 0.020	< 0.020		
PCB 105	ug/l	NC		< 0.020	< 0.020		
PCB 126	ug/l	NC		< 0.020	< 0.020		
PCB 167	ug/l	NC		< 0.020	< 0.020		
PCB 156	ug/l	NC		< 0.020	< 0.020		
PCB 157	ug/l	NC		< 0.020	< 0.020		

Project: London4, Hayes Controlled Waters Assessment- Groundwater and surface water			Exploratory hole	Yeading (upstream)	Yeading (downstream)	Yeading (upstream)	Yeading (downstream)
			Sample round	1	1	2	2
			Date sampled	03/11/2021	03/11/2021	18/11/2021	18/11/2021
Determinants	Units	Criterion*	Source				
PCB 169	ug/l	NC		< 0.020	< 0.020		
PCB 189	ug/l	NC		< 0.020	< 0.020		
Total PCBs		NC		< 0.300	< 0.300		
Petroleum Hydrocarbons							
Aliphatic >C5 - C6	ug/l	15000	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic >C6 - C8	ug/l	15000	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatics >C8 - C10	ug/l	300	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatics >C10 - C12	ug/l	300	WHO	< 10	< 10	< 10	< 10
Aliphatics >C12 - C16	ug/l	300	WHO	< 10	< 10	< 10	< 10
Aliphatics >C16 - C21	ug/l	NC		< 10	< 10	< 10	< 10
Aliphatics >C21 - C35	ug/l	NC		< 10	< 10	< 10	< 10
Aliphatics >C35 - C44	ug/l	NC		< 10	< 10	< 10	< 10
Aliphatics >C5 - C35	ug/l	NC		< 10	< 10	< 10	< 10
Aliphatics >C5 - C44	ug/l	NC		< 10	< 10	< 10	< 10
Aromatic C5 - C7	ug/l	10	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic >C7 - C8	ug/l	700	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aromatics >C8 - C10	ug/l	300	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Aromatics >C10 - C12	ug/l	90	WHO	< 10	< 10	< 10	< 10
Aromatics >C12 - C16	ug/l	90	WHO	< 10	< 10	< 10	< 10
Aromatics >C16 - C21	ug/l	90	WHO	< 10	< 10	< 10	< 10
Aromatics >C21 - C35	ug/l	90	WHO	< 10	< 10	< 10	< 10
Aromatics >C35 - C44	ug/l	NC		< 10	< 10	< 10	< 10
Aromatics >C5 - C35	ug/l	NC		< 10	< 10	< 10	< 10
Aromatics >C5 - C44	ug/l	NC		< 10	< 10	< 10	< 10
VOCs							
Chloromethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/l	0.5	DWS	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/l	50	WHO	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/l	15	WHO	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/l	3	EQS	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/l	100	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/l	3	DWS	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/l	1	DWS	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/l	3	DWS	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/l	40	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/l	10	EQS	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/l	60	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/l	74	EQS	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/l	400	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/l	#N/A		< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/l	100	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/l	10	EQS	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/l	0.40	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/l	20	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
p & m-Xylene	µg/l	30	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/l	50	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	µg/l	30	EQS*	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/l	400	USEPA	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	µg/l	3000	USEPA	< 1.0	< 1.0	< 1.0	< 1.0
p-Isopropyltoluene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	µg/l	1000	WHO	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	µg/l	300	WHO	< 1.0	< 1.0	< 1.0	< 1.0
Butylbenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	µg/l	1	WHO	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trichlorobenzene	µg/l	70	USEPA	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	µg/l	0.6	WHO	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	µg/l	NC		< 1.0	< 1.0	< 1.0	< 1.0
SVOCs							
Aniline	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05

Project: London4, Hayes Controlled Waters Assessment- Groundwater and surface water				Yeading (upstream)	Yeading (downstream)	Yeading (upstream)	Yeading (downstream)
Exploratory hole				1	1	2	2
Sample round				1	1	2	2
Date sampled				03/11/2021	03/11/2021	18/11/2021	18/11/2021
Determinants	Units	Criterion*	Source				
Phenol	µg/l	7.7	EQS	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	µg/l	50	EQS*	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethyl)ether	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichlorobenzene	µg/l	3000	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichlorobenzene	µg/l	1000	WHO	< 0.05	< 0.05	< 0.05	< 0.05
1,4-Dichlorobenzene	µg/l	300	WHO	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	µg/l	40	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	µg/l	7000	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-chloroethoxy)methane	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	µg/l	70	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	µg/l	2.0	EQS	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dichlorophenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	µg/l	0.6	WHO	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-methylphenol	µg/l	40	EQS*	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	µg/l	200	WHO	< 0.05	< 0.05	< 0.05	< 0.05
2,4,5-Trichlorophenol	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	µg/l	2000	USEPA	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dinitrotoluene	µg/l	100	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenyl phenyl ether	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Diethyl phthalate	µg/l	200	EQS*	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Azobenzene	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Bromophenyl phenyl ether	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	µg/l	1.0	USEPA	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	µg/l	0.1	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Carbazole	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Dibutyl phthalate	µg/l	8.0	EQS*	< 0.05	< 0.05	< 0.05	< 0.05
Anthraquinone	µg/l	NC		< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	µg/l	0.006	EQS	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Butyl benzyl phthalate	µg/l	7.5	EQS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo(b)fluoranthene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo(k)fluoranthene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo(a)pyrene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)anthracene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
Benzo(ghi)perylene	µg/l	NC		< 0.01	< 0.01	< 0.01	< 0.01
3&4-Methylphenol	µg/l	NC		< 0.10	< 0.10	< 0.10	< 0.10

Appendix D

HazWasteOnline output

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)



DGQMF-HZ71Y-OC33A

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

Job name

London4, Hayes

Description/Comments

This preliminary waste assessment for London4 is based on the available analytical data from the 2021 ground investigation. A wet weight moisture correction has been applied. Several metal compounds were altered to more likely compounds based on the available data and site history. HazWasteOnline conservatively classifies all samples with detectable concentrations of TPH and BTEX compounds as being potentially hazardous due to hazard property HP 3(i)(flammable). Given the nature of the soil samples analysed in this assessment and absence of a significant liquid phase, this hazardous property is not considered to apply. WM3 states that if the contaminating oil is unknown, a marker compound can be used, whereby if the concentration of benzo(a)pyrene is <0.01% of the TPH concentration, the waste is not carcinogenic and mutagenic. Samples will also be classified as hazardous if asbestos containing materials (ACM) are present. Fragments of ACM should be separated from soil waste and assessed and classified separately.

Project

281528-00

Site

London4, Hayes

Classified by

Name: Claire Nichols
Company: Ove Arup
Date: 08 Feb 2022 14:43 GMT
Telephone:

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

03 Dec 2015
01 Dec 2020

Next 3 year Refresher due by Dec 2023

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS213--13092021-1.55		Non Hazardous		4
2	WS213--13092021-2.70		Non Hazardous		7
3	WS214--13092021-0.30		Hazardous	HP 8	10
4	WS214--14092021-1.00		Hazardous	HP 14	16
5	WS215--14092021-0.60		Non Hazardous		19
6	TP306--14092021-0.80		Non Hazardous		22
7	WS205--14092021-0.50		Non Hazardous		25
8	WS205A--14092021-0.20		Non Hazardous		28
9	WS207C--15092021-0.30		Non Hazardous		31
10	WS207C--15092021-1.00		Non Hazardous		34
11	BH106--15092021-0.50		Non Hazardous		37
12	BH106--15092021-1.30		Non Hazardous		40
13	TP302--16092021-0.20		Non Hazardous		43
14	TP302--16092021-2.00		Non Hazardous		46
15	BH104A--16092021-0.30		Hazardous	HP 8	49
16	BH104A--16092021-1.00		Non Hazardous		52
17	TP303--17092021-0.65		Non Hazardous		55
18	TP303--17092021-1.00		Non Hazardous		58
19	TP303--17092021-2.00		Non Hazardous		61
20	BH104C--17092021-3.50		Non Hazardous		64
21	BH104C--17092021-6.00		Non Hazardous		67
22	TP304--22092021-0.20		Hazardous	HP 7, HP 11	70

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
23	TP304--22092021-0.60		Non Hazardous		76
24	TT401C--23092021-0.30		Non Hazardous		79
25	TT401C--23092021-0.70		Non Hazardous		82
26	WS207C--27092021-1.50		Non Hazardous		85
27	WS207C--27092021-3.30		Non Hazardous		88
28	WS203--29092021-0.30		Non Hazardous		91
29	WS203--29092021-1.00		Non Hazardous		94
30	WS205A--29092021-2.00		Non Hazardous		97
31	WS214--30092021-1.50		Non Hazardous		100
32	WS215--30092021-2.00		Non Hazardous		103
33	WS215--30092021-4.00		Non Hazardous		106
34	BH110--01102021-0.30		Non Hazardous		109
35	BH110--01102021-1.20		Non Hazardous		112
36	BH107--07102021-0.30		Non Hazardous		115
37	BH107--07102021-0.60		Non Hazardous		118
38	BH108--07102021-0.30		Non Hazardous		121
39	BH108--15102021-1.50		Non Hazardous		124
40	BH107--21102021-2.50		Non Hazardous		127
41	BH107--21102021-5.50		Non Hazardous		130
42	WS210--13082021-0.30		Non Hazardous		133
43	WS210--13082021-1.00		Non Hazardous		138
44	WS210--13082021-2.00		Non Hazardous		144
45	WS212--13082021-0.30		Non Hazardous		149
46	WS212--13082021-1.00		Non Hazardous		152
47	TP309A--13082021-0.30		Non Hazardous		154
48	TP309A--13082021-0.80		Non Hazardous		157
49	BH101-ES-16082021-1.30		Non Hazardous		160
50	BH101-ES-16082021-2.50		Non Hazardous		163
51	BH101-ES-16082021-6.60		Non Hazardous		169
52	BH101-ES-16082021-9.80		Non Hazardous		175
53	BH101-ES-16082021-18.00		Non Hazardous		181
54	BH102--20082021-0.20		Non Hazardous		184
55	BH102--20082021-0.50		Non Hazardous		187
56	TP305--20082021-0.20		Non Hazardous		190
57	TP305--20082021-1.10		Non Hazardous		193
58	WS202--23082021-0.30		Non Hazardous		196
59	WS202--23082021-0.60		Non Hazardous		199
60	WS202--24082021-1.80		Non Hazardous		202
61	WS204--23082021-0.30		Non Hazardous		205
62	WS204--23082021-0.60		Non Hazardous		211
63	WS204--25082021-1.50		Non Hazardous		214
64	WS206--23082021-0.20		Non Hazardous		217
65	WS206--23082021-0.60		Non Hazardous		220
66	WS206--25082021-1.50		Non Hazardous		226
67	WS206--25082021-2.20		Non Hazardous		229
68	WS207--24082021-0.50		Non Hazardous		232
69	WS207A--24082021-0.50		Non Hazardous		235
70	TP310--24082021-0.30		Non Hazardous		238
71	TP310--24082021-0.60		Non Hazardous		241
72	BH105--02092021-0.30		Non Hazardous		244
73	BH105--02092021-0.60		Non Hazardous		247
74	BH102B--06092021-2.00		Hazardous	HP 8	250
75	BH104--06092021-0.30		Non Hazardous		253
76	BH104--06092021-0.70		Non Hazardous		256
77	BH104--06092021-1.30		Non Hazardous		259
78	BH105--07092021-1.20		Non Hazardous		262
79	BH105--07092021-2.50		Non Hazardous		265
80	WS208--10092021-0.40		Non Hazardous		268
81	WS208--10092021-1.00		Non Hazardous		271
82	WS208--10092021-2.40		Non Hazardous		274
83	WS213--10092021-0.30		Non Hazardous		277
84	WS213--10092021-1.00		Non Hazardous		280

Related documents

#	Name	Description
1	21-10257_HWOL_Results.hwol	.hwol file used to create the Job
2	21-10263_HWOL_Results.hwol	.hwol file used to create the Job
3	21-10502_HWOL_Results.hwol	.hwol file used to create the Job
4	21-10503_HWOL_Results.hwol	.hwol file used to create the Job
5	21-10640_HWOL_Results.hwol	.hwol file used to create the Job
6	21-10644_HWOL_Results.hwol	.hwol file used to create the Job
7	21-10961_HWOL_Results.hwol	.hwol file used to create the Job
8	21-10963_HWOL_Results.hwol	.hwol file used to create the Job
9	21-12346_HWOL_Results.hwol	.hwol file used to create the Job
10	21-12349_HWOL_Results.hwol	.hwol file used to create the Job
11	21-13418_HWOL_Results.hwol	.hwol file used to create the Job
12	21-13420_HWOL_Results.hwol	.hwol file used to create the Job
13	21-14617_HWOL_Results.hwol	.hwol file used to create the Job
14	21-14620_HWOL_Results.hwol	.hwol file used to create the Job
15	21-14995_HWOL_Results.hwol	.hwol file used to create the Job
16	21-14996_HWOL_Results.hwol	.hwol file used to create the Job
17	21-15790_HWOL_Results.hwol	.hwol file used to create the Job
18	21-15791_HWOL_Results.hwol	.hwol file used to create the Job
19	21-17176_HWOL_Results.hwol	.hwol file used to create the Job
20	21-17177_HWOL_Results.hwol	.hwol file used to create the Job
21	21-18918_HWOL_Results.hwol	.hwol file used to create the Job
22	21-19072_HWOL_Results.hwol	.hwol file used to create the Job
23	21-20633_HWOL_Results.hwol	.hwol file used to create the Job
24	21-20822_HWOL_Results.hwol	.hwol file used to create the Job
25	21-23752_HWOL_Results.hwol	.hwol file used to create the Job
26	21-23885_HWOL_Results.hwol	.hwol file used to create the Job
27	21-93390_HWOL_Results.hwol	.hwol file used to create the Job
28	21-93391_HWOL_Results.hwol	.hwol file used to create the Job
29	21-93974_HWOL_Results.hwol	.hwol file used to create the Job
30	21-93975_HWOL_Results.hwol	.hwol file used to create the Job
31	21-94977_HWOL_Results.hwol	.hwol file used to create the Job
32	21-94986_HWOL_Results.hwol	.hwol file used to create the Job
33	21-95464_HWOL_Results.hwol	.hwol file used to create the Job
34	21-95468_HWOL_Results.hwol	.hwol file used to create the Job
35	21-97909_HWOL_Results.hwol	.hwol file used to create the Job
36	21-97910_HWOL_Results.hwol	.hwol file used to create the Job
37	21-98236_HWOL_Results.hwol	.hwol file used to create the Job
38	21-98241_HWOL_Results.hwol	.hwol file used to create the Job
39	21-98624_HWOL_Results.hwol	.hwol file used to create the Job
40	21-98626_HWOL_Results.hwol	.hwol file used to create the Job
41	21-99225_HWOL_Results.hwol	.hwol file used to create the Job
42	21-99228_HWOL_Results.hwol	.hwol file used to create the Job
43	Lon4.batch	.batch file used to create the Job
44	London4	waste stream template used to create this Job

Report

Created by: Claire Nichols

Created date: 08 Feb 2022 14:43 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	283
Appendix B: Rationale for selection of metal species	287
Appendix C: Version	288

Classification of sample: WS213--13092021-1.55



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

Sample details

Sample name:	LoW Code:
WS213--13092021-1.55	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.1% (wet weight correction)	

Hazard properties

None identified

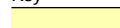
Determinands

Moisture content: 9.1% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7	mg/kg	1.32	8.401	mg/kg	0.00084 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.41	mg/kg	2.775	1.034	mg/kg	0.000103 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.9	mg/kg	3.22	2.634	mg/kg	0.000263 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		20	mg/kg	1.462	29.231	mg/kg	0.00292 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	6	mg/kg	1.126	6.141	mg/kg	0.000614 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			5.4	mg/kg		4.909	mg/kg	0.000491 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	9.3	mg/kg	2.022	17.097	mg/kg	0.00171 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	28	mg/kg	1.785	45.437	mg/kg	0.00454 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	26	mg/kg	1.968	46.521	mg/kg	0.00465 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	chrysene	601-048-00-0	205-923-4		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0208 %		

Key

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

Classification of sample: WS213--13092021-2.70


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

Sample details

Sample name:	LoW Code:
WS213--13092021-2.70	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.2	mg/kg	1.32	7.04	mg/kg	0.000704 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.51	mg/kg	2.775	1.217	mg/kg	0.000122 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
7	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	7.2	mg/kg	1.126	6.972	mg/kg	0.000697 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			5	mg/kg		4.3	mg/kg	0.00043 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	14	mg/kg	2.022	24.35	mg/kg	0.00243 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	21	mg/kg	1.785	32.24	mg/kg	0.00322 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	26	mg/kg	1.968	44.013	mg/kg	0.0044 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %			<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0194 %		

Key

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

Classification of sample: WS214--13092021-0.30

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

Sample details

Sample name:	LoW Code:
WS214--13092021-0.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
4% (wet weight correction)	

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.5 pH)

Determinands

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				11.5	pH		11.5	pH	11.5 pH		
2	arsenic { arsenic trioxide }				9.1	mg/kg	1.32	11.534	mg/kg	0.00115 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.51	mg/kg	2.775	1.359	mg/kg	0.000136 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.9	mg/kg	3.22	2.782	mg/kg	0.000278 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				25	mg/kg	1.126	27.021	mg/kg	0.0027 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	28	mg/kg		26.88	mg/kg	0.00269 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				14	mg/kg	2.022	27.181	mg/kg	0.00272 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		vanadium { divanadium pentaoxide ; vanadium pentoxide }				34	mg/kg	1.785	58.268	mg/kg	0.00583 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
14		zinc { trizinc bis(orthophosphate) }				72	mg/kg	1.968	136.056	mg/kg	0.0136 %	✓	
		030-011-00-6	231-944-3	7779-90-0									
15		naphthalene				<0.0001	mg/kg		<0.0001	mg/kg	<0.00000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
19		pyrene				0.7	mg/kg		0.672	mg/kg	0.0000672 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				0.31	mg/kg		0.298	mg/kg	0.0000298 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				0.4	mg/kg		0.384	mg/kg	0.0000384 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				0.39	mg/kg		0.374	mg/kg	0.0000374 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				0.2	mg/kg		0.192	mg/kg	0.0000192 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				0.36	mg/kg		0.346	mg/kg	0.0000346 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				0.21	mg/kg		0.202	mg/kg	0.0000202 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				0.26	mg/kg		0.25	mg/kg	0.000025 %	✓	
			205-883-8	191-24-2									
28		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
29		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
30		phenanthrene				0.39	mg/kg		0.374	mg/kg	0.0000374 %	✓	
			201-581-5	85-01-8									
31		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
33		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
34		fluoranthene				0.77	mg/kg		0.739	mg/kg	0.0000739 %	✓	
			205-912-4	206-44-0									
35		xylene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
36		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											
37		TPH (C6 to C40) petroleum group				35	mg/kg		33.6	mg/kg	0.00336 %	✓	
				TPH									
38		phenol				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		604-001-00-2	203-632-7	108-95-2									

#	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							
39	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
40	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
41	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
42	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
43	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
44	hexachlorobenzene				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
45	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
46	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
47	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
48	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
49	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
50	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
51	1,2,3-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-757-1	87-61-6							
52	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
53	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
54	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
55	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
57	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
58	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
59	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
60	bromodichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-856-7	75-27-4							
61	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
62	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
63	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
64	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
67	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
68	chloromethane; methyl chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
69	dibromochloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		204-704-0	124-48-1							
70	1,2-dibromo-3-chloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
71	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
72	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
73	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
74	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
75	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
76	trans-1,3-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		431-460-4	10061-02-6							
77	tert-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-632-4	98-06-6							
78	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
79	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
80	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
81	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
82	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
83	aniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-008-00-7	200-539-3	62-53-3							
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
85	bis(2-chloroethyl) ether				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
86	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
87	hexachloroethane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		200-666-4	67-72-1							
88	nitrobenzene				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
89	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
90	2-nitrophenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		201-857-5	88-75-5							
91	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							

#	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								
92	• bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
93	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
94	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
95	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
98	• 2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	• 2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	• dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
102	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
103	• dibenzofuran	205-071-3	132-64-9		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
104	• 4-chlorophenylphenylether	230-281-7	7005-72-3		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
105	• diethyl phthalate	201-550-6	84-66-2		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
106	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
107	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
108	• 4-bromophenylphenylether	202-952-4	101-55-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
109	• carbazole	201-696-0	86-74-8		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
110	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
111	anthraquinone	606-151-00-4	201-549-0	84-65-1	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
112	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
113	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
114	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
115	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
Total:									0.0378 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00336%)

Classification of sample: WS214--14092021-1.00

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

Sample details

Sample name:	LoW Code:
WS214--14092021-1.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
8.1% (wet weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

trizinc bis(orthophosphate): (compound conc.: 0.362%)

Determinands

Moisture content: 8.1% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				10.1	pH		10.1	pH	10.1 pH		
2	arsenic { arsenic trioxide }				15	mg/kg	1.32	18.201	mg/kg	0.00182 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.85	mg/kg	2.775	2.168	mg/kg	0.000217 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.8	mg/kg	3.22	2.367	mg/kg	0.000237 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				0.7	mg/kg	1.338	0.861	mg/kg	0.0000861 %	✓	
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				39	mg/kg	1.462	57.001	mg/kg	0.0057 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				36	mg/kg	1.126	37.249	mg/kg	0.00372 %	✓	
	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	69	mg/kg		63.411	mg/kg	0.00634 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				27	mg/kg	2.022	50.182	mg/kg	0.00502 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
13		vanadium { divanadium pentaoxide; vanadium pentoxide }				41 mg/kg	1.785	67.264 mg/kg	0.00673 %	✓	
		023-001-00-8	215-239-8	1314-62-1							
14		zinc { trizinc bis(orthophosphate) }				2000 mg/kg	1.968	3617.912 mg/kg	0.362 %	✓	
		030-011-00-6	231-944-3	7779-90-0							
15		naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
16		acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8							
17		acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9							
18		fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7							
19		pyrene				0.93 mg/kg		0.855 mg/kg	0.0000855 %	✓	
			204-927-3	129-00-0							
20		benzo[a]anthracene				0.58 mg/kg		0.533 mg/kg	0.0000533 %	✓	
		601-033-00-9	200-280-6	56-55-3							
21		chrysene				0.47 mg/kg		0.432 mg/kg	0.0000432 %	✓	
		601-048-00-0	205-923-4	218-01-9							
22		benzo[b]fluoranthene				0.68 mg/kg		0.625 mg/kg	0.0000625 %	✓	
		601-034-00-4	205-911-9	205-99-2							
23		benzo[k]fluoranthene				0.3 mg/kg		0.276 mg/kg	0.0000276 %	✓	
		601-036-00-5	205-916-6	207-08-9							
24		benzo[a]pyrene; benzo[def]chrysene				0.63 mg/kg		0.579 mg/kg	0.0000579 %	✓	
		601-032-00-3	200-028-5	50-32-8							
25		indeno[123-cd]pyrene				0.39 mg/kg		0.358 mg/kg	0.0000358 %	✓	
			205-893-2	193-39-5							
26		dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3							
27		benzo[ghi]perylene				0.51 mg/kg		0.469 mg/kg	0.0000469 %	✓	
			205-883-8	191-24-2							
28		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
29		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
30		phenanthrene				0.47 mg/kg		0.432 mg/kg	0.0000432 %	✓	
			201-581-5	85-01-8							
31		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
32		anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7							
33		ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4							
34		fluoranthene				1 mg/kg		0.919 mg/kg	0.0000919 %	✓	
			205-912-4	206-44-0							
35		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
36		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									
37		TPH (C6 to C40) petroleum group				74 mg/kg		68.006 mg/kg	0.0068 %	✓	
				TPH							
38		monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
				P1186							
Total:									0.4 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0068%)

Classification of sample: WS215--14092021-0.60


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

Sample details

Sample name:	LoW Code:
WS215--14092021-0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		9.6	pH		9.6	pH	9.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15	mg/kg	1.32	16.834	mg/kg	0.00168 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.1	mg/kg	2.775	2.595	mg/kg	0.000259 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	1.7	mg/kg	3.22	4.653	mg/kg	0.000465 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	0.7	mg/kg	1.338	0.796	mg/kg	0.0000796 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	120	mg/kg	1.126	114.841	mg/kg	0.0115 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			240	mg/kg		204	mg/kg	0.0204 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	23	mg/kg	2.022	39.538	mg/kg	0.00395 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	39	mg/kg	1.785	59.179	mg/kg	0.00592 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	470	mg/kg	1.968	786.374	mg/kg	0.0786 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		1.5 mg/kg		1.275 mg/kg	0.000127 %		✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	1.1 mg/kg		0.935 mg/kg	0.0000935 %		✓	
21	chrysene	601-048-00-0	205-923-4	218-01-9	0.81 mg/kg		0.689 mg/kg	0.0000689 %		✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.6 mg/kg		1.36 mg/kg	0.000136 %		✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.4 mg/kg		1.19 mg/kg	0.000119 %		✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.88 mg/kg		0.748 mg/kg	0.0000748 %		✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.58 mg/kg		0.493 mg/kg	0.0000493 %		✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.22 mg/kg		0.187 mg/kg	0.0000187 %		✓	
27	benzo[ghi]perylene	205-883-8	191-24-2		0.74 mg/kg		0.629 mg/kg	0.0000629 %		✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		0.83 mg/kg		0.706 mg/kg	0.0000706 %		✓	
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		0.1 mg/kg		0.085 mg/kg	0.0000085 %		✓	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		1.7 mg/kg		1.445 mg/kg	0.000145 %		✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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 %			
	006-007-00-5										
37	TPH (C6 to C40) petroleum group		TPH		79 mg/kg		67.15 mg/kg	0.00672 %		✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.135 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00672%)

Classification of sample: TP306--14092021-0.80


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

Sample details

Sample name:	LoW Code:
TP306--14092021-0.80	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				11.1	pH		11.1	pH	11.1 pH		
2	arsenic { arsenic trioxide }				16	mg/kg	1.32	19.013	mg/kg	0.0019 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.94	mg/kg	2.775	2.348	mg/kg	0.000235 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.7	mg/kg	3.22	2.029	mg/kg	0.000203 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27	mg/kg	1.462	39.462	mg/kg	0.00395 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				41	mg/kg	1.126	41.545	mg/kg	0.00415 %	✓	
	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	83	mg/kg		74.7	mg/kg	0.00747 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				22	mg/kg	2.022	40.044	mg/kg	0.004 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				47	mg/kg	1.785	75.513	mg/kg	0.00755 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				150	mg/kg	1.968	265.733	mg/kg	0.0266 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		1.1 mg/kg		0.99 mg/kg	0.000099 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		0.55 mg/kg		0.495 mg/kg	0.0000495 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.63 mg/kg		0.567 mg/kg	0.0000567 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.76 mg/kg		0.684 mg/kg	0.0000684 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.3 mg/kg		0.27 mg/kg	0.000027 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.69 mg/kg		0.621 mg/kg	0.0000621 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.4 mg/kg		0.36 mg/kg	0.000036 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.61 mg/kg		0.549 mg/kg	0.0000549 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.6 mg/kg		0.54 mg/kg	0.000054 %	✓	
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		1.1 mg/kg		0.99 mg/kg	0.000099 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		46 mg/kg		41.4 mg/kg	0.00414 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0617 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00414%)

Classification of sample: WS205--14092021-0.50


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

Sample details

Sample name:	LoW Code:
WS205--14092021-0.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.6% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.8	pH		8.8	pH	8.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7.1	mg/kg	1.32	9.037	mg/kg	0.000904 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.31	mg/kg	2.775	0.829	mg/kg	0.0000829 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<0.2	mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	1	mg/kg	1.338	1.29	mg/kg	0.000129 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	19	mg/kg	1.126	20.622	mg/kg	0.00206 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			39	mg/kg		37.596	mg/kg	0.00376 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	8.4	mg/kg	2.022	16.377	mg/kg	0.00164 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	15	mg/kg	1.785	25.814	mg/kg	0.00258 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	73	mg/kg	1.968	138.52	mg/kg	0.0139 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		0.91 mg/kg		0.877 mg/kg	0.0000877 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.52 mg/kg		0.501 mg/kg	0.0000501 %	✓	
21	chrysene	601-048-00-0	205-923-4	218-01-9	0.43 mg/kg		0.415 mg/kg	0.0000415 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.58 mg/kg		0.559 mg/kg	0.0000559 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.29 mg/kg		0.28 mg/kg	0.000028 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.55 mg/kg		0.53 mg/kg	0.000053 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.38 mg/kg		0.366 mg/kg	0.0000366 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.43 mg/kg		0.415 mg/kg	0.0000415 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.33 mg/kg		0.318 mg/kg	0.0000318 %	✓	
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		0.91 mg/kg		0.877 mg/kg	0.0000877 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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									
37	TPH (C6 to C40) petroleum group		TPH		262 mg/kg		252.568 mg/kg	0.0253 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0536 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0253%)

Classification of sample: WS205A--14092021-0.20


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

Sample details

Sample name:	LoW Code:
WS205A--14092021-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.9% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.7	pH		8.7	pH	8.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	13	mg/kg	1.32	15.637	mg/kg	0.00156 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.63	mg/kg	2.775	1.593	mg/kg	0.000159 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.4	mg/kg	3.22	1.173	mg/kg	0.000117 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17	mg/kg	1.126	17.437	mg/kg	0.00174 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			60	mg/kg		54.66	mg/kg	0.00547 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	1	mg/kg	1.353	1.233	mg/kg	0.000123 %	✓	
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	16	mg/kg	2.022	29.479	mg/kg	0.00295 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	37	mg/kg	1.785	60.173	mg/kg	0.00602 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	75	mg/kg	1.968	134.491	mg/kg	0.0134 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		1.4 mg/kg		1.275 mg/kg	0.000128 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		1 mg/kg		0.911 mg/kg	0.0000911 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.8 mg/kg		0.729 mg/kg	0.0000729 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.1 mg/kg		1.002 mg/kg	0.0001 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.52 mg/kg		0.474 mg/kg	0.0000474 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.1 mg/kg		1.002 mg/kg	0.0001 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.59 mg/kg		0.537 mg/kg	0.0000537 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.76 mg/kg		0.692 mg/kg	0.0000692 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.48 mg/kg		0.437 mg/kg	0.0000437 %	✓	
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		1.4 mg/kg		1.275 mg/kg	0.000128 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		22 mg/kg		20.042 mg/kg	0.002 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0387 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: WS207C--15092021-0.30


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

Sample details

Sample name:	LoW Code:
WS207C--15092021-0.30	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
9.6%	Entry:
(wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		9.9	pH		9.9	pH	9.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20	mg/kg	1.32	23.871	mg/kg	0.00239 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.9	mg/kg	2.775	2.258	mg/kg	0.000226 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.6	mg/kg	3.22	1.746	mg/kg	0.000175 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	1	mg/kg	1.338	1.21	mg/kg	0.000121 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	63	mg/kg	1.126	64.122	mg/kg	0.00641 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			280	mg/kg		253.12	mg/kg	0.0253 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	17	mg/kg	2.022	31.08	mg/kg	0.00311 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	41	mg/kg	1.785	66.166	mg/kg	0.00662 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	260	mg/kg	1.968	462.652	mg/kg	0.0463 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		4.1 mg/kg		3.706 mg/kg	0.000371 %	✓		
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	3.1 mg/kg		2.802 mg/kg	0.00028 %	✓		
21	chrysene	601-048-00-0	205-923-4	218-01-9	2.1 mg/kg		1.898 mg/kg	0.00019 %	✓		
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	2.9 mg/kg		2.622 mg/kg	0.000262 %	✓		
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.4 mg/kg		1.266 mg/kg	0.000127 %	✓		
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	2.9 mg/kg		2.622 mg/kg	0.000262 %	✓		
25	indeno[123-cd]pyrene	205-893-2	193-39-5		1.6 mg/kg		1.446 mg/kg	0.000145 %	✓		
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.45 mg/kg		0.407 mg/kg	0.0000407 %	✓		
27	benzo[ghi]perylene	205-883-8	191-24-2		1.8 mg/kg		1.627 mg/kg	0.000163 %	✓		
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		1.8 mg/kg		1.627 mg/kg	0.000163 %	✓		
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		0.58 mg/kg		0.524 mg/kg	0.0000524 %	✓		
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		4.5 mg/kg		4.068 mg/kg	0.000407 %	✓		
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		28 mg/kg		25.312 mg/kg	0.00253 %	✓		
38	asbestos	650-013-00-6	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
39	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.101 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00253%)

Classification of sample: WS207C--15092021-1.00


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

Sample details

Sample name:	LoW Code:
WS207C--15092021-1.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.9% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.1	pH		9.1	pH	9.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	23	mg/kg	1.32	27.968	mg/kg	0.0028 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.54	mg/kg	2.775	1.38	mg/kg	0.000138 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.7	mg/kg	3.22	2.076	mg/kg	0.000208 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	1.6	mg/kg	1.338	1.972	mg/kg	0.000197 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	64	mg/kg	1.126	66.364	mg/kg	0.00664 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			270	mg/kg		248.67	mg/kg	0.0249 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	13	mg/kg	2.022	24.214	mg/kg	0.00242 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	32	mg/kg	1.785	52.613	mg/kg	0.00526 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	320	mg/kg	1.968	580.126	mg/kg	0.058 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		1.7 mg/kg		1.566 mg/kg	0.000157 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		1.2 mg/kg		1.105 mg/kg	0.000111 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.91 mg/kg		0.838 mg/kg	0.0000838 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		1 mg/kg		0.921 mg/kg	0.0000921 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.64 mg/kg		0.589 mg/kg	0.0000589 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.1 mg/kg		1.013 mg/kg	0.000101 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.59 mg/kg		0.543 mg/kg	0.0000543 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.7 mg/kg		0.645 mg/kg	0.0000645 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.79 mg/kg		0.728 mg/kg	0.0000728 %	✓	
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		0.27 mg/kg		0.249 mg/kg	0.0000249 %	✓	
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		2 mg/kg		1.842 mg/kg	0.000184 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		17 mg/kg		15.657 mg/kg	0.00157 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.107 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00157%)

Classification of sample: BH106--15092021-0.50


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

Sample details

Sample name:	LoW Code:
BH106--15092021-0.50	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(wet weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		7.4	pH		7.4	pH	7.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11	mg/kg	1.32	12.636	mg/kg	0.00126 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.83	mg/kg	2.775	2.004	mg/kg	0.0002 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	1.6	mg/kg	3.22	4.482	mg/kg	0.000448 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	0.4	mg/kg	1.338	0.466	mg/kg	0.0000466 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		36	mg/kg	1.462	52.616	mg/kg	0.00526 %		
7	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	39	mg/kg	1.126	38.201	mg/kg	0.00382 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			110	mg/kg		95.7	mg/kg	0.00957 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	1.2	mg/kg	1.353	1.413	mg/kg	0.000141 %	✓	
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	16	mg/kg	2.022	28.152	mg/kg	0.00282 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	36	mg/kg	1.785	55.912	mg/kg	0.00559 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	120	mg/kg	1.968	205.501	mg/kg	0.0206 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		0.45 mg/kg		0.391 mg/kg	0.0000391 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.33 mg/kg		0.287 mg/kg	0.0000287 %	✓	
21	chrysene	601-048-00-0	205-923-4	218-01-9	0.33 mg/kg		0.287 mg/kg	0.0000287 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.44 mg/kg		0.383 mg/kg	0.0000383 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.27 mg/kg		0.235 mg/kg	0.0000235 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.36 mg/kg		0.313 mg/kg	0.0000313 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.2 mg/kg		0.174 mg/kg	0.0000174 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.28 mg/kg		0.244 mg/kg	0.0000244 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.29 mg/kg		0.252 mg/kg	0.0000252 %	✓	
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		0.54 mg/kg		0.47 mg/kg	0.000047 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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									
37	TPH (C6 to C40) petroleum group		TPH		13 mg/kg		11.31 mg/kg	0.00113 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.052 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00113%)

Classification of sample: BH106--15092021-1.30


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

Sample details

Sample name:	LoW Code:
BH106--15092021-1.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.8% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	arsenic { arsenic trioxide }				13	mg/kg	1.32	16.34	mg/kg	0.00163 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.71	mg/kg	2.775	1.876	mg/kg	0.000188 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.9	mg/kg	3.22	2.759	mg/kg	0.000276 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				16	mg/kg	1.126	17.15	mg/kg	0.00171 %	✓	
	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	12	mg/kg		11.424	mg/kg	0.00114 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				21	mg/kg	2.022	40.432	mg/kg	0.00404 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	54.384	mg/kg	0.00544 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				85	mg/kg	1.968	159.283	mg/kg	0.0159 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	chrysene	601-048-00-0	205-923-4		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		409 mg/kg		389.368 mg/kg	0.0389 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0736 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0389%)

Classification of sample: TP302--16092021-0.20


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

Sample details

Sample name:	LoW Code:
TP302--16092021-0.20	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(wet weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22	mg/kg	1.32	25.271	mg/kg	0.00253 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.7	mg/kg	2.775	4.105	mg/kg	0.00041 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.8	mg/kg	3.22	2.241	mg/kg	0.000224 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		27	mg/kg	1.462	39.462	mg/kg	0.00395 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	96	mg/kg	1.126	94.034	mg/kg	0.0094 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			260	mg/kg		226.2	mg/kg	0.0226 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	1.4	mg/kg	1.353	1.649	mg/kg	0.000165 %	✓	
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	25	mg/kg	2.022	43.987	mg/kg	0.0044 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	46	mg/kg	1.785	71.443	mg/kg	0.00714 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	230	mg/kg	1.968	393.876	mg/kg	0.0394 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		4.6 mg/kg		4.002 mg/kg	0.0004 %		✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	3.2 mg/kg		2.784 mg/kg	0.000278 %		✓	
21	chrysene	601-048-00-0	205-923-4	218-01-9	2.3 mg/kg		2.001 mg/kg	0.0002 %		✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	3.4 mg/kg		2.958 mg/kg	0.000296 %		✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.6 mg/kg		1.392 mg/kg	0.000139 %		✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	3 mg/kg		2.61 mg/kg	0.000261 %		✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		1.9 mg/kg		1.653 mg/kg	0.000165 %		✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		2.2 mg/kg		1.914 mg/kg	0.000191 %		✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		2.1 mg/kg		1.827 mg/kg	0.000183 %		✓	
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		0.65 mg/kg		0.566 mg/kg	0.0000566 %		✓	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		5 mg/kg		4.35 mg/kg	0.000435 %		✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		73 mg/kg		63.51 mg/kg	0.00635 %		✓	
38	phenol	604-001-00-2	203-632-7	108-95-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
39	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
40	resorcinol; 1,3-benzenediol	604-010-00-1	203-585-2	108-46-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
41	1,2-dihydroxybenzene; pyrocatechol	604-016-00-4	204-427-5	120-80-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
42	3,5-xyleneol; 3,5-dimethylphenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	604-037-00-9	203-606-5	108-68-9								
43	1-naphtol				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	604-029-00-5	201-969-4	90-15-3								
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
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00635%)

Classification of sample: TP302--16092021-2.00


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

Sample details

Sample name:	LoW Code:
TP302--16092021-2.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.8% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.8	pH		9.8	pH	9.8 pH		
2	arsenic { arsenic trioxide }				12	mg/kg	1.32	14.767	mg/kg	0.00148 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				2.3	mg/kg	2.775	5.949	mg/kg	0.000595 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.8	mg/kg	3.22	2.401	mg/kg	0.00024 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				12	mg/kg	1.126	12.592	mg/kg	0.00126 %	✓	
	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	6.1	mg/kg		5.685	mg/kg	0.000569 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				13	mg/kg	2.022	24.504	mg/kg	0.00245 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	63.224	mg/kg	0.00632 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				33	mg/kg	1.968	60.54	mg/kg	0.00605 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		1.5 mg/kg		1.398 mg/kg	0.00014 %	✓	
18	fluorene	201-695-5	86-73-7		0.95 mg/kg		0.885 mg/kg	0.0000885 %	✓	
19	pyrene	204-927-3	129-00-0		18 mg/kg		16.776 mg/kg	0.00168 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		11 mg/kg		10.252 mg/kg	0.00103 %	✓	
21	chrysene	601-048-00-0	205-923-4		7.9 mg/kg		7.363 mg/kg	0.000736 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		8.8 mg/kg		8.202 mg/kg	0.00082 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		3.7 mg/kg		3.448 mg/kg	0.000345 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		7.6 mg/kg		7.083 mg/kg	0.000708 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		4.2 mg/kg		3.914 mg/kg	0.000391 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		1.5 mg/kg		1.398 mg/kg	0.00014 %	✓	
27	benzo[ghi]perylene	205-883-8	191-24-2		4.7 mg/kg		4.38 mg/kg	0.000438 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		26 mg/kg		24.232 mg/kg	0.00242 %	✓	
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		6.7 mg/kg		6.244 mg/kg	0.000624 %	✓	
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		24 mg/kg		22.368 mg/kg	0.00224 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		342 mg/kg		318.744 mg/kg	0.0319 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0669 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0319%)

Classification of sample: BH104A--16092021-0.30

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

Sample details

Sample name:	LoW Code:
BH104A--16092021-0.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
6.1% (wet weight correction)	

Hazard properties
HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.6 pH)

Determinands

Moisture content: 6.1% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				11.6 pH		11.6 pH	11.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10 mg/kg	1.32	12.398 mg/kg	0.00124 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.6 mg/kg	2.775	1.564 mg/kg	0.000156 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	1.3 mg/kg	3.22	3.931 mg/kg	0.000393 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2 mg/kg	1.338	<0.268 mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2 mg/kg	2.27	<2.724 mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	27 mg/kg	1.126	28.545 mg/kg	0.00285 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			46 mg/kg		43.194 mg/kg	0.00432 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	15 mg/kg	2.022	28.486 mg/kg	0.00285 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	60.346	mg/kg	0.00603 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				91	mg/kg	1.968	168.197	mg/kg	0.0168 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
19	pyrene				0.56	mg/kg		0.526	mg/kg	0.0000526 %	✓	
		204-927-3	129-00-0									
20	benzo[a]anthracene				0.38	mg/kg		0.357	mg/kg	0.0000357 %	✓	
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				0.37	mg/kg		0.347	mg/kg	0.0000347 %	✓	
	601-048-00-0	205-923-4	218-01-9									
22	benzo[b]fluoranthene				0.36	mg/kg		0.338	mg/kg	0.0000338 %	✓	
	601-034-00-4	205-911-9	205-99-2									
23	benzo[k]fluoranthene				0.21	mg/kg		0.197	mg/kg	0.0000197 %	✓	
	601-036-00-5	205-916-6	207-08-9									
24	benzo[a]pyrene; benzo[def]chrysene				0.33	mg/kg		0.31	mg/kg	0.000031 %	✓	
	601-032-00-3	200-028-5	50-32-8									
25	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
26	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
27	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	phenanthrene				0.46	mg/kg		0.432	mg/kg	0.0000432 %	✓	
		201-581-5	85-01-8									
31	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
32	anthracene				0.2	mg/kg		0.188	mg/kg	0.0000188 %	✓	
		204-371-1	120-12-7									
33	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	fluoranthene				0.56	mg/kg		0.526	mg/kg	0.0000526 %	✓	
		205-912-4	206-44-0									
35	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
36	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											
37	TPH (C6 to C40) petroleum group				62	mg/kg		58.218	mg/kg	0.00582 %	✓	
			TPH									
38	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
Total:										0.0452 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00582%)

Classification of sample: BH104A--16092021-1.00


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

Sample details

Sample name:	LoW Code:
BH104A--16092021-1.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				10.1	pH		10.1	pH	10.1 pH		
2	arsenic { arsenic trioxide }				16	mg/kg	1.32	18.801	mg/kg	0.00188 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.95	mg/kg	2.775	2.347	mg/kg	0.000235 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				1.4	mg/kg	3.22	4.012	mg/kg	0.000401 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
		215-160-9	1308-38-9									
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				38	mg/kg	1.126	38.078	mg/kg	0.00381 %	✓	
	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	87	mg/kg		77.43	mg/kg	0.00774 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				23	mg/kg	2.022	41.399	mg/kg	0.00414 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				44	mg/kg	1.785	69.908	mg/kg	0.00699 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				100	mg/kg	1.968	175.187	mg/kg	0.0175 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		1.1 mg/kg		0.979 mg/kg	0.0000979 %	✓	
20	benzo[a]anthracene	601-033-00-9	200-280-6		0.8 mg/kg		0.712 mg/kg	0.0000712 %	✓	
21	chrysene	601-048-00-0	205-923-4		0.69 mg/kg		0.614 mg/kg	0.0000614 %	✓	
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.81 mg/kg		0.721 mg/kg	0.0000721 %	✓	
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.49 mg/kg		0.436 mg/kg	0.0000436 %	✓	
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.93 mg/kg		0.828 mg/kg	0.0000828 %	✓	
25	indeno[123-cd]pyrene	205-893-2	193-39-5		0.55 mg/kg		0.49 mg/kg	0.000049 %	✓	
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.67 mg/kg		0.596 mg/kg	0.0000596 %	✓	
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		0.95 mg/kg		0.845 mg/kg	0.0000845 %	✓	
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		1.2 mg/kg		1.068 mg/kg	0.000107 %	✓	
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		45 mg/kg		40.05 mg/kg	0.004 %	✓	
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.052 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because HP3(i) Flammable is not considered to apply as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.004%)

Classification of sample: TP303--17092021-0.65


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

Sample details

Sample name:	LoW Code:
TP303--17092021-0.65	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	9.2	mg/kg	1.32	10.568	mg/kg	0.00106 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.75	mg/kg	2.775	1.811	mg/kg	0.000181 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	1.6	mg/kg	3.22	4.482	mg/kg	0.000448 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	24	mg/kg	1.126	23.509	mg/kg	0.00235 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			79	mg/kg		68.73	mg/kg	0.00687 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	14	mg/kg	2.022	24.633	mg/kg	0.00246 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	38	mg/kg	1.785	59.018	mg/kg	0.0059 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	93	mg/kg	1.968	159.263	mg/kg	0.0159 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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										
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %			<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0432 %		

Key

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

Classification of sample: TP303--17092021-1.00


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

Sample details

Sample name:	LoW Code:
TP303--17092021-1.00	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.8% (wet weight correction)	

Hazard properties

None identified

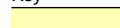
Determinands

Moisture content: 9.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.1	pH		8.1	pH	8.1 pH		
2	arsenic { arsenic trioxide }				12	mg/kg	1.32	14.291	mg/kg	0.00143 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
3	beryllium { beryllium oxide }				0.65	mg/kg	2.775	1.627	mg/kg	0.000163 %	✓	
	004-003-00-8	215-133-1	1304-56-9									
4	boron { diboron trioxide; boric oxide }				0.7	mg/kg	3.22	2.033	mg/kg	0.000203 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
5	cadmium { cadmium fluoride }				<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
	048-006-00-2	232-222-0	7790-79-6									
6	chromium in chromium(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 chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
	024-017-00-8											
8	copper { dicopper oxide; copper (I) oxide }				13	mg/kg	1.126	13.202	mg/kg	0.00132 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	77	mg/kg		69.454	mg/kg	0.00695 %	✓	
	082-001-00-6											
10	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
11	nickel { nickel(II) carbonate }				14	mg/kg	2.022	25.539	mg/kg	0.00255 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]									
12	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	56.358	mg/kg	0.00564 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { trizinc bis(orthophosphate) }				62	mg/kg	1.968	110.081	mg/kg	0.011 %	✓	
	030-011-00-6	231-944-3	7779-90-0									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	chrysene	601-048-00-0	205-923-4		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0371 %		

Key

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

Classification of sample: TP303--17092021-2.00


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

Sample details

Sample name:	LoW Code:
TP303--17092021-2.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
6.8%	Entry:
(wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.6	pH		8.6	pH	8.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11	mg/kg	1.32	13.536	mg/kg	0.00135 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.51	mg/kg	2.775	1.319	mg/kg	0.000132 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.3	mg/kg	3.22	0.9	mg/kg	0.00009 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		15	mg/kg	1.462	21.923	mg/kg	0.00219 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	15	mg/kg	1.126	15.74	mg/kg	0.00157 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			8	mg/kg		7.456	mg/kg	0.000746 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	13	mg/kg	2.022	24.504	mg/kg	0.00245 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	27	mg/kg	1.785	44.922	mg/kg	0.00449 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	28	mg/kg	1.968	51.367	mg/kg	0.00514 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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										
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %			<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0228 %		

Key

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

Classification of sample: BH104C--17092021-3.50


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

Sample details

Sample name:	LoW Code:
BH104C--17092021-3.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.9% (wet weight correction)	

Hazard properties

None identified

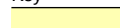
Determinands

Moisture content: 4.9% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				9 pH		9	pH	9pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.9 mg/kg	1.32	11.175	mg/kg	0.00112 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	0.46 mg/kg	2.775	1.214	mg/kg	0.000121 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	<0.2 mg/kg	3.22	<0.644	mg/kg	<0.0000644 %		<LOD
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2 mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		13 mg/kg	1.462	19	mg/kg	0.0019 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2 mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	4.1 mg/kg	1.126	4.39	mg/kg	0.000439 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			3.9 mg/kg		3.709	mg/kg	0.000371 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	15 mg/kg	2.022	28.85	mg/kg	0.00288 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	20 mg/kg	1.785	33.954	mg/kg	0.0034 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	22 mg/kg	1.968	41.183	mg/kg	0.00412 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	chrysene	601-048-00-0	205-923-4		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	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
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0191 %		

Key

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

Classification of sample: BH104C--17092021-6.00


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

Sample details

Sample name:	LoW Code:
BH104C--17092021-6.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
19%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(wet weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH		PH		8.9	pH		8.9	pH	8.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10	mg/kg	1.32	10.695	mg/kg	0.00107 %	✓	
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9	1.2	mg/kg	2.775	2.698	mg/kg	0.00027 %	✓	
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	0.6	mg/kg	3.22	1.565	mg/kg	0.000156 %	✓	
5	cadmium { cadmium fluoride }	048-006-00-2	232-222-0	7790-79-6	<0.2	mg/kg	1.338	<0.268	mg/kg	<0.0000268 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		45	mg/kg	1.462	65.77	mg/kg	0.00658 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8			<1.2	mg/kg	2.27	<2.724	mg/kg	<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	30	mg/kg	1.126	27.359	mg/kg	0.00274 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			14	mg/kg		11.34	mg/kg	0.00113 %	✓	
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
11	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	37	mg/kg	2.022	60.612	mg/kg	0.00606 %	✓	
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	79	mg/kg	1.785	114.234	mg/kg	0.0114 %	✓	
14	zinc { trizinc bis(orthophosphate) }	030-011-00-6	231-944-3	7779-90-0	79	mg/kg	1.968	125.958	mg/kg	0.0126 %	✓	
15	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
30	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
32	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
34	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
35	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
36	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										
37	TPH (C6 to C40) petroleum group		TPH		<36.8 mg/kg		<36.8 mg/kg	<0.00368 %			<LOD
38	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0467 %		

Key

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

Classification of sample: TP304--22092021-0.20

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

Sample details

Sample name:	LoW Code:
TP304--22092021-0.20	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.6%	Entry:
(wet weight correction)	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.52%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.52%)

Determinands

Moisture content: 3.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.5 pH		8.5 pH		8.5 pH		
2	arsenic { arsenic trioxide }				12 mg/kg	1.32	15.274 mg/kg		0.00153 %	✓	
3	beryllium { beryllium oxide }				0.77 mg/kg	2.775	2.06 mg/kg		0.000206 %	✓	
4	boron { diboron trioxide; boric oxide }				1.1 mg/kg	3.22	3.414 mg/kg		0.000341 %	✓	
5	cadmium { cadmium fluoride }				0.3 mg/kg	1.338	0.387 mg/kg		0.0000387 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	19 mg/kg		0.0019 %		
7	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.2 mg/kg	2.27	<2.724 mg/kg		<0.000272 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }				30 mg/kg	1.126	32.561 mg/kg		0.00326 %	✓	

#	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								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	94 mg/kg		90.616 mg/kg		0.00906 %	✓	
	082-001-00-6										
10	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg		<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel(II) carbonate }				15 mg/kg	2.022	29.244 mg/kg		0.00292 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]								
12	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg		<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				34 mg/kg	1.785	58.511 mg/kg		0.00585 %	✓	
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { trizinc bis(orthophosphate) }				89 mg/kg	1.968	168.881 mg/kg		0.0169 %	✓	
	030-011-00-6	231-944-3	7779-90-0								
15	naphthalene				0.7 mg/kg		0.675 mg/kg		0.0000675 %	✓	
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				1.5 mg/kg		1.446 mg/kg		0.000145 %	✓	
		205-917-1	208-96-8								
17	acenaphthene				5.5 mg/kg		5.302 mg/kg		0.00053 %	✓	
		201-469-6	83-32-9								
18	fluorene				3.1 mg/kg		2.988 mg/kg		0.000299 %	✓	
		201-695-5	86-73-7								
19	pyrene				11 mg/kg		10.604 mg/kg		0.00106 %	✓	
		204-927-3	129-00-0								
20	benzo[a]anthracene				5.9 mg/kg		5.688 mg/kg		0.000569 %	✓	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				5.1 mg/kg		4.916 mg/kg		0.000492 %	✓	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[b]fluoranthene				6.6 mg/kg		6.362 mg/kg		0.000636 %	✓	
	601-034-00-4	205-911-9	205-99-2								
23	benzo[k]fluoranthene				2.6 mg/kg		2.506 mg/kg		0.000251 %	✓	
	601-036-00-5	205-916-6	207-08-9								
24	benzo[a]pyrene; benzo[def]chrysene				5.9 mg/kg		5.688 mg/kg		0.000569 %	✓	
	601-032-00-3	200-028-5	50-32-8								
25	indeno[123-cd]pyrene				4.1 mg/kg		3.952 mg/kg		0.000395 %	✓	
		205-893-2	193-39-5								
26	dibenz[a,h]anthracene				1.4 mg/kg		1.35 mg/kg		0.000135 %	✓	
	601-041-00-2	200-181-8	53-70-3								
27	benzo[ghi]perylene				5 mg/kg		4.82 mg/kg		0.000482 %	✓	
		205-883-8	191-24-2								
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg		<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
29	benzene				<0.001 mg/kg		<0.001 mg/kg		<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
30	phenanthrene				6.9 mg/kg		6.652 mg/kg		0.000665 %	✓	
		201-581-5	85-01-8								
31	toluene				<0.001 mg/kg		<0.001 mg/kg		<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
32	anthracene				2.9 mg/kg		2.796 mg/kg		0.00028 %	✓	
		204-371-1	120-12-7								
33	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg		<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
34	fluoranthene				11 mg/kg		10.604 mg/kg		0.00106 %	✓	
		205-912-4	206-44-0								
35	xylene				<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [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								
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]								
36	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
37	TPH (C6 to C40) petroleum group TPH				5390 mg/kg		5195.96 mg/kg	0.52 %		✓	
38	confirm TPH has NOT arisen from diesel or petrol				☒						
39	phenol 604-001-00-2 203-632-7 108-95-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
40	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5 107-06-2, 75-34-3				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
42	carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
43	trichloroethylene; trichloroethene 602-027-00-9 201-167-4 79-01-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
44	vinyl chloride; chloroethylene 602-023-00-7 200-831-0 75-01-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
45	hexachlorobenzene 602-065-00-6 204-273-9 118-74-1				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
46	monohydric phenols P1186				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
47	1,1,1-trichloroethane; methyl chloroform 602-013-00-2 200-756-3 71-55-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
48	1,1,1,2-tetrachloroethane 602-015-00-3 201-197-8 79-34-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
49	1,1,2-trichloroethane 602-014-00-8 201-166-9 79-00-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
50	1,1-dichloroethylene; vinylidene chloride 602-025-00-8 200-864-0 75-35-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
51	1,1-dichloropropene 602-031-00-0 209-253-3 563-58-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
52	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
53	1,2,4-trimethylbenzene 601-043-00-3 202-436-9 95-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
54	1,2-dibromoethane 602-010-00-6 203-444-5 106-93-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
55	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7 202-425-9 95-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
56	1,2-dichloropropane; propylene dichloride 602-020-00-0 201-152-2 78-87-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
57	1,3-dichlorobenzene 602-067-00-7 208-792-1 541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
58	1,3-dichloropropane 205-531-3 142-28-9				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2 203-400-5 106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
60	2,2-dichloropropane 209-832-0 594-20-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
61	bromodichloromethane 200-856-7 75-27-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
62	bromomethane; methylbromide 602-002-00-2 200-813-2 74-83-9				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD