Muse Developments

King Street, Blackpool

Ground Investigation Report

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P03 | 27 October 2021

This report takes into account the particular instructions and requirements of our client.

It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 278729-00

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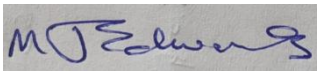
		Signature			
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Executive Summary

This Ground Investigation Report is written to support a reserved matters planning application. The King Street Office Development is a new Grade-A, 7-storey structure (ground plus 6 floors), suitable for office use located within the town centre, likely to be founded on piles.

Arup issued a desk study in November 2020, summarising the site history was principally a residential development from 1890 to 1961, with residential properties in the north western parts of the site replaced by St John's Market. More recently most built development was removed and replaced by a surface car park. No significant changes at the site have been observed since 2002.

A ground investigation scope was designed and specified by Arup and implemented by Allied Exploration & Geotechnics Ltd. Utility trenches to determine the presence of existing services were specified and supervised by Hannan's Associates. The fieldwork was carried out between 7th May to 28th May 2021. This was to supplement a ground investigation completed in 2015 by Integra Consulting.

Generally, ground conditions comprise made ground at an average thickness of 700mm. Deeper made ground in the northwest of the site (up to 3.7m deep) has been interpreted as backfilled basements. Made ground is underlain by glacial till across the site to a minimum depth of 24.7m bgl. Granular lenses and thicker beds of sand have been observed within the glacial till. Bedrock has not been encountered within the ground investigation, however from historical BGS borehole records, bedrock is expected at approximately 75m bgl.

Analysis of soil samples has not identified any contaminants which are considered to pose a risk to future site users for the proposed commercial land use. However, should made ground soils be removed, a cluster of samples within the north of the site have been determined as potentially hazardous. These will need off-site disposal to an appropriately licensed waste management facility. Any works which involve the excavation of made ground should seek to segregate these soils prior to disposal to avoid impacting other non-hazardous material.

Ground gas risk assessment for the site indicates Characteristic Situation 1 conditions and therefore it is not anticipated that ground gas protection measures will be required in new buildings.

The anticipated foundation solution is bored cast in situ or continuous flight auger (CFA) piles, 15 to 20m in length. A constraint to the proposed development is the presence of backfilled basements, located in the northwest corner of the site. These backfilled basements may constrain piling operations and may also limit the use of ground bearing slabs over the backfilled areas. With respect to piling, a number of solutions can be considered, including, the pre-boring of obstructions. With respect to the ground bearing slab, a number of treatments may be considered, including in-situ techniques (e.g. vibro-ground improvement). Early engagement with the enabling works contractor and piling contractor is recommended to ensure the contractor is aware of the risk and can plan appropriately.

1 Introduction

1.1 Context

Ove Arup and Partners Ltd (Arup) has been appointed by Muse Developments Limited to prepare a ground investigation report to support the detailed design and accompany a reserved matters planning application for the proposed redevelopment of the King Street Office Development, Blackpool. The proposed development will comprise the demolition of a number of existing buildings on the site and the construction of a new office building along with associated public realm, utility diversions and disconnections.

1.2 Objectives

Although existing ground investigation information was presented within the desk study report produced by Arup, uncertainty remained. Therefore, a supplementary intrusive ground investigation was recommended. The purpose of this report is to summarise the findings of this latest phase of intrusive ground investigation and evaluate the potential influence of the ground conditions on the future development by:

- Establishing the general ground profile and characteristic material properties.
- Providing an overview on the groundwater conditions below the site.
- Characterising the existing geoenvironmental conditions of the site.

The report includes guidance on the ground related risks which should be considered within subsequent design and construction phases.

1.3 Use of report and limitations

This report was prepared by Arup on behalf of Muse Developments Ltd. It takes into account our Client's particular instructions and requirements. This report was not intended for, and should not be relied on by, any third party and no responsibility is undertaken to any third party in relation to it.

All reasonable skill, care and diligence have been exercised within the timescale available and in accordance with the technical requirements of the brief.

Notwithstanding the efforts made by the professional team in preparing the report, it is possible that other ground contamination or ground conditions as yet undetected, may exist and consequently reliance on this report must be limited accordingly.

2 The site

2.1 Site description

The site is situated within the Talbot Gateway area of Blackpool town centre, on land bounded by Deansgate (north), Cookson Street (east), Charles Street (south) and East Topping Street (west).

The site is approximately 0.8 hectares in size and is centred at National Grid reference SD 31026 36415.

The site is relatively flat, sloping slightly to the south and south west. The level in the north east corner of the site is approximately 24mOD with an average ground level elevation across the remainder of the site of approximately 23mOD.

2.2 Existing land use

Several residential and commercial units are present in the centre and south of the site adjacent to King Street. A public house (The Hop) and adjoining residential and commercial properties are present in the eastern part of the site bounded by King Street to the west, Cookson Street to the east and Charles Street to the south. The remainder of the site is occupied by an active surface car park. The current site layout is shown in Figure 1.

Figure 1: Site layout (Google Earth Aerial Photo).

2.3 Historical site use

A review of the site's development is presented within Section 3.1 of the Arup Desk Study Report [1].

The site principally was a residential development from 1890 to 1961, when the residential properties in the north western part of the site had been replaced by St John's Market. By 1981 the residential properties in the west of the site along East Topping Street have been removed and replaced by a surface car park. In 2002, St John's Market building had been demolished and replaced with an extension of the surface car park present in the south west of the site. No significant change has been observed since 2002 to present day where the site is a car park, with some residential and commercial units within the centre of the site.

Figure 2: St John's Market (ca. 1935).

2.4 Published geology

Given the history of the site, made ground is expected to overlie natural superficial deposits. Thicker made ground may exist if the former structures on the site had basements which have been subsequently infilled.

BGS 1:50,000 map (Sheet 66) and the Geoindex online viewer indicates the site is underlain by superficial geology comprising glacial till deposits.

The bedrock beneath the site is indicated to be the Triassic Sidmouth Mudstone Formation (which is further divided into the Kirkham and Singleton Mudstone Beds). The bedrock is anticipated to be at a considerable depth below ground level (m bgl).

2.5 BGS Borehole Records

No historic BGS borehole records are available within the site however, there are three borehole records within 100m of the site boundary [1]. These publicly available boreholes have been reviewed.

The boreholes were drilled to depths of 11.15 and 47.55 m below ground level and are situated to the north and east of the site. A thin 0.9 to 2.6m thick layer of made ground comprising bricks, sand, clay and wood was encountered above the superficial deposits. It is noted that the superficial deposits encountered is glacial till, comprising of clays, sands and silts.

The logs suggest that bedrock was not encountered and is therefore at greater depth than 47.55m bgl. An additional deep historic borehole record located approximately 200m southwest (completed in 1905) of the site encountered rock head at a depth of approximately 75m bgl.

2.6 Historic ground investigation

Ground investigation was undertaken by Integra Consulting Environmental [2] in January 2015 also commissioned by Muse (The Client) for land off East Topping Street, Blackpool. The investigation was undertaken under a separate planning application boundary which sits within part of the new planning application boundary referred to in this report. The investigation included 7 No. trial pits to depths between 1.6-3m bgl and 5 No. boreholes to depths between 20-25m bgl. The location of the intrusive investigation holes was focussed on the northern part of the site currently occupied by a surface car park.

Generally, the ground conditions encountered comprised tarmac over made ground of loose to medium dense brown sandy gravels to depths between 0.6-2.8m bgl. The made ground was recorded to be underlain by glacial till described as stiff, brown, slightly sandy silty clays. Granular material was encountered within the glacial till and described as a medium dense brown slightly clayey silt sand to depths between 13.1 - 16.2m bgl. Bedrock was not encountered as part of this ground investigation.

Below ground obstructions associated with past developments were encountered in several location across the site as summarised below:

- IC15-BH1 and IC15-BH2, concrete rubble from 0.5-1.6m bgl extending to at least 2.8m bgl leading to these boreholes being relocated;
- IC-15-TP1, concrete strip at 0.4m bgl (depth unproven due to groundwater ingress), suspected former foundation or structural feature;
- IC15-TP2, concrete obstruction from 0.3-0.6m bgl and from 1-1.2m bgl;
- IC15-TP3, brick wall from 0.4-0.55m bgl; and
- IC15-TP5, brick wall from 0.4-0.6m bgl.

Shallow groundwater was encountered in 4 of the 7 trial pits and 4 of the 6 boreholes undertaken at the site as summarised below:

- TP1 at 0.90m, final water level 0.70m;
- TP2 at 1.50m and 1.70m;
- TP3 at 0.70m;
- TP7 at 1.50;
- BH1 at 1.20, final water level 0.80m;
- BH1A at 1.10m, final water level 0.50m;
- BH2 1.40m, final water level 0.70m;
- BH3 at 18.20, final water level 17.60m;

Following the intrusive ground investigation, ground water monitoring was undertaken in the monitoring installations across the northern car park area. The results indicated that ground water was encountered at depths of 1.07 and 1.29m bgl in BH1A (situated in the north western area of the site), 4.33 and 4.18m bgl in BH3 (situated in the north central area of the site) and dry to 3.71m bgl in BH5 (situated in the north eastern area of the site). The groundwater encountered is deemed to be isolated pockets of perched water within made ground deposits.

Further to the above, deeper Made Ground deposits were present to approximately 2.8m bgl in the area of TP1, TP2, BH1, BH1A, BH2 and BH2A. At TP6, suspected sand fill deposited beneath the tarmac and subgrade representing a pocket of reworked material was recorded.

It is indicated that 2 No. ground gas and groundwater monitoring visits were undertaken following the intrusive investigation. No significant concentration of methane or carbon dioxide were recorded during the gas monitoring and it was anticipated that CS1 conditions would be assigned to the site.

2.7 Hydrogeology

The glacial till deposits are classified as a Secondary Undifferentiated Aquifer. Generally, these deposits are unlikely to act as aquifers.

The bedrock across the site is classified as a Secondary B Aquifer. Secondary B Aquifers are defined as predominantly lower permeability layers which may store and yield limited amounts of groundwater.

The nearest surface water features to the site is the Irish Sea, located approximately 415m west of the site. There are no surface water abstraction points within 2km of the site.

2.8 Unexploded ordnance (UXO)

A low UXO risk was identified in the desk study [1] for the site.

2.9 Landfills

No recorded waste sites or licensed landfills are located on site or within 250m of the site boundary [3].

The presence of unrecorded areas of landfilling is possible given historical level changes and the sites previous uses which predate the mandatory recording of landfilling operations.

3 Proposed development

The King Street Office Development is a new Grade-A, 7-storey structure (ground plus 6 floors), suitable for office use located within the town centre. The structure has been designed for office-type loading throughout. The development also creates public realm around the building, together with a small plot that is being developed as a temporary car park. See Figure 3 for proposed development.

The majority of existing buildings at the site are proposed to be demolished. However, the Hop Pub which is located east of King Street, would be part retained and refurbished for use as a dentist surgery. South of the refurbished Hop Pub will be a new surface car park.

Figure 3: The proposed development and public realm as of RIBA Work Stage 3[4] .

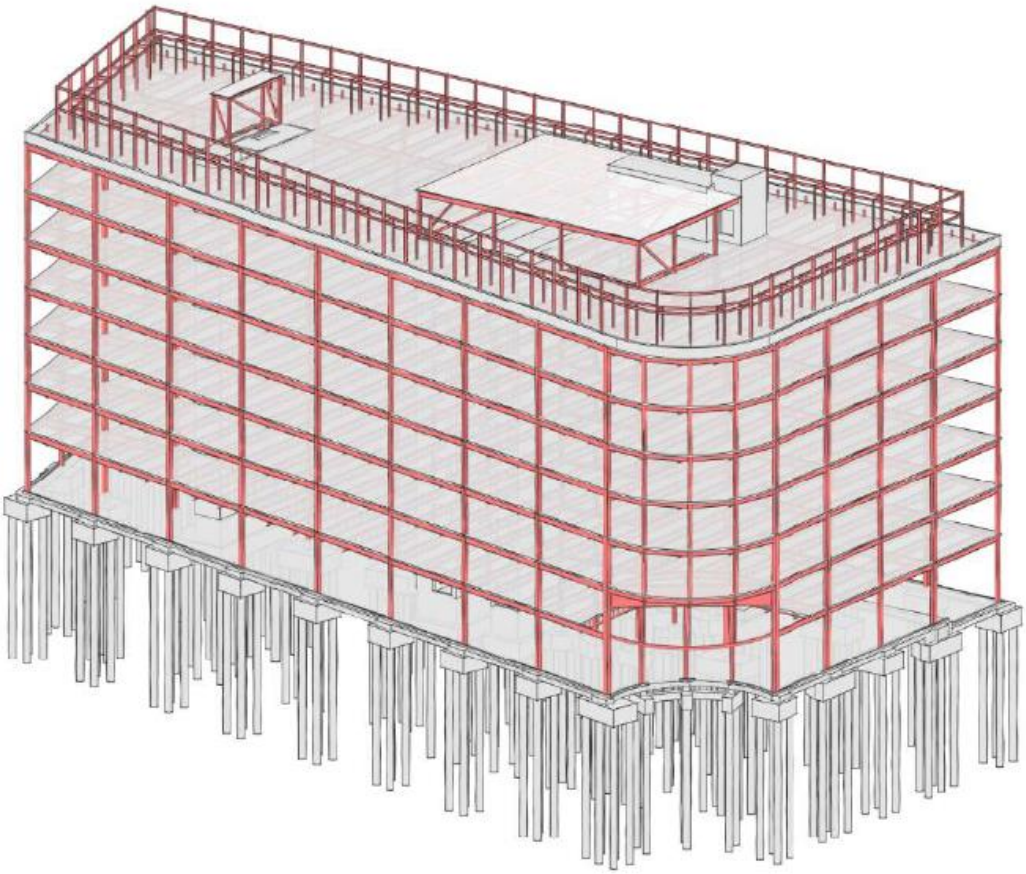


Figure 4: The conceptual structural design for the proposed 7-storey office building.

4 Ground investigation

A ground investigation (GI) scope was designed and specified by Arup and implemented by Allied Exploration & Geotechnics Ltd (AEG). Arup attended site during the GI to observe aspects of the works and to check the requirements of the specification were generally being met. Utility trenches were required to determine the presence of existing services, they were specified and supervised by Hannan's Associates, herein denoted as trial slots.

The fieldwork was carried out between 7th May to 28th May 2021 and is summarised in the table below.

The findings of the investigations are reported in a factual report produced by AEG [5]. The 'as built' ground investigation locations are shown in Appendix A1 of this report.

Following completion of fieldwork, 6 rounds of gas and groundwater monitoring were undertaken to establish groundwater levels and ground gas concentrations. Monitoring records are presented in the factual report and described in subsequent sections of this report.

A programme of laboratory testing was undertaken to establish the geotechnical and geoenvironmental properties of the soils encountered during the GI.

Table 1: Summary of the fieldwork undertaken at King Street, Blackpool.

Exploratory Hole ID	Description	Rationale	No.	Min depth (mbl)	Max depth (mbgl)
BH01 to BH04	Cable percussive boreholes with gas/groundwater monitoring standpipes.	To provide geotechnical and geoenvironmental data.	6	0.70	25.00
WS01 to WS08	Window sampler boreholes with gas/groundwater monitoring standpipes.	To provide geotechnical and geoenvironmental data.	8	4.10	4.95
TP01 to TP07	Machine excavated trial pits.	To inspect ground conditions.	8	1.50	4.50
OP01 to OP08	Hand dug observation pits.	To inspect condition of foundations to structures (if present).	9	0.50	1.20
SA01 to SA03	Machine excavated trial pits.	Conduct BRE infiltration/soakaway testing.	3	2.00	2.00
TS001 to TS021	Vacuum excavated trial trenches (Trial Slots).	Determine presence of existing services.	21	0.43	1.10

5 Ground summary and properties

5.1 Stratigraphy

The 2021 GI has confirmed the stratigraphy of the site, which is summarised in Table 2. An Exploratory hole location plan is presented in Appendix A1. Geological sections are presented in Appendix A2 and should be read in conjunction with this table. Bedrock has not been encountered during GI on the site.

Plots of the main in-situ and geotechnical test results are presented in Appendix A3 of this report.

Table 2: Summary of the stratigrapy encountered

Stratum	Top of stratum (mOD) where proven	Thickness (m) where proven	Description
Made ground	24.55 to 23.10	0.1 – 3.7	Tarmacadam.
			Concrete paving slabs.
			Sub-base.
			Predominantly, a light brown clayey very sandy gravel. Sand is fine to medium. Gravel is fine to medium angular to subangular and includes concrete and roadstone (Granular). In some areas of the site, made ground is encountered as a clayey material, described as soft to firm slightly sandy gravelly clay with fragments of tiles and gravels of brick, slate and roadstone (Cohesive).
			Sandy gravel with medium cobble content. Gravel is fine to coarse, including brick, concrete and clinker. Cobbles are angular and of concrete and brick (Basement Backfill).
Glacial till (cohesive)	24.25 to 19.69	> 24.7	Firm to stiff reddish brown slightly sandy gravelly clay with low cobble content. Gravel is fine to coarse, rounded to subrounded, it includes sandstone. Cobbles are subrounded, includes sandstone and limestone.
Glacial till (granular lenses)	Varies (See Section 5.4)	0.3 – 4.3	Brown slightly gravelly slightly clayey sand. Sand is fine to medium.

Ground conditions encountered within the AEG 2021 ground investigation are consistent with the ground conditions encountered within the Integra 2015 [2] ground investigation. The exceptions are that made ground has now been encountered up to 3.7m in thickness (previously reported up to 2.8m) and a granular

lens within glacial till have been reported more widespread within the Integra 2015 investigation.

5.2 Made ground

5.2.1 Extent and description

Made ground thicknesses across the site are shown in Appendix A1.4. Generally, made ground has been encountered at thickness of between 0.40m and 1.10m, with an average thickness of 700mm. In the north of the site however, deeper made ground was encountered, up to 3.7m deep. Also shown on Appendix A1.4 is an area of former buildings (the cross-hatched area in the north and north west of the site). The areas of deeper made ground encountered during the GI have been interpreted as areas of backfilled basements associated with St. John's Market building.

At the surface of the site, tarmacadam is present within the car park and within existing highway carriageways. Along pavements, concrete paving slabs are present at ground surface (e.g. BH04). Underlying tarmacadam or concrete paving made ground typically comprised granular sandstone and limestone deposits, which have been interpreted as sub-base material.

Underlying the sub-base, the made ground encountered during the GI was largely granular and described as a light brown clayey very sandy gravel. Sand is fine to medium. Gravel is fine to medium angular to subangular and includes concrete and roadstone. In some areas of the site, made ground was more cohesive, described as soft to firm slightly sandy gravelly clay with fragments of tiles and gravels of brick, slate and roadstones.

The deeper made ground in the north of the site (BH01, TP04, TP04A and SA03) which has been interpreted as backfill to former basements is described as a sandy gravel with medium to high cobble content. Gravel is fine to coarse, including brick, concrete and clinker. The indicative location of the infilled basement structure is shown in Appendix A1.3.

5.2.2 Geotechnical in-situ and laboratory testing

Particle Size Distribution

A total of ten PSD tests were undertaken on samples described as made ground. See Appendix A3.2 for made ground PSD soil curves.

Four tests were conducted on samples of made ground (granular) and four tests were conducted on samples of the basement backfill. From the results, both soils are representative of a well graded slightly clayey silty sand and gravel. On site, basement backfill was noted to contain more cobbles and brick, when compared to the made ground (granular) encountered in other areas of the site.

Two tests were conducted on samples of made ground (cohesive) and indicate that this material is a slightly sandy silty clay.

Natural Moisture Content and Atterberg Limits

Eight natural moisture content tests were undertaken on samples of the made ground. These tests returned natural moisture content (*w*) of between 7 and 20%. Three sets of Atterberg Limit tests were undertaken on samples of made ground (cohesive). Though two of these samples came from material described as granular within the Factual Report [5], these tests recorded a plastic limit of between 15 and 19% and a liquid limit of 24 to 32%.

The testing undertaken classifies made ground (cohesive) as a low plasticity clay on the plasticity chart (Appendix A3.1). Using the correlation between plasticity index and angle of shearing resistance (φ'_{cv}) presented within BS 8004: 2015, the above data correlated to a φ'_{cv} of between 26 and 33°. Although given the limited number of tests this should be used with caution.

Standard Penetration Testing

Three Standard Penetration Tests (SPT) were performed within the made ground during drilling of BH01 between depths of 1.20 and 3.02m bgl (20.37 to 22.17m OD). All three of these tests were terminated due to early refusal with 50 blows being required for between 10 and 25mm penetration. These terminations are likely to be due to the medium cobble content encountered within the basement backfill.

Given the limited quantity of testing undertaken on the material and the potential for variation with the made ground across the site, it is not considered appropriate to present a characteristic value of angle of shearing resistance ($\varphi'_{pk;k}$).

Hand Shear Vane Testing

A total of 10 No. hand shear vane (HSV) tests were recorded as having been undertaken in material interpreted as made ground. However, only five of these tests were undertaken on samples reported as being cohesive material. These five test results are plotted against depth on Appendix A3.6, three tests recorded correlated undrained cohesion (c_u) values of 130kPa which was the limit of measurement for the equipment being used.

Two tests were undertaken in material described as possible Made ground which returned correlated undrained cohesion values of between 82 and 86kPa. In addition, three further tests were undertaken on material which is logged as concrete and therefore these are not considered representative.

California Bearing Ratio (CBR)

The mexeprobe method was used to obtain an equivalent CBR in trial pits and soakaway locations. See the summary of locations and results conducted in made ground below.

Table 3: Summary of equivalent CBR using the mexeprobe method within made ground.

Exploratory Hole ID	Start depth (mm bgl)	Test 1 (0mm)	Test 2 (75mm)	Test 3 (150mm)	Test 4 (225mm)
TP01	200	1.5	2.0	4.5	-

Exploratory Hole ID	Start depth (mm bgl)	Test 1 (0mm)	Test 2 (75mm)	Test 3 (150mm)	Test 4 (225mm)
TP02	200	1.5	2.0	4.0	-
TP05	200	4.0	1.5	3.7	-
TP06	250	0.5	1.2	2.3	2.5
TP07	300	0.8	2.3	3.5	6.5
SA01	250	1.0	11.5		
SA02	250	0.5	1.3	4.8	10.3
SA03	300	1.0	2.5	1.5	4.0

The results from Table 3 show a range of equivalent CBR of 0.5 to 11.5%, generally improving with depth. An average CBR from available tests is a CBR of 3.5%.

An obstruction or large cobble can be inferred from the early termination of the test in SA01 at a depth of 400mm below ground level.

5.3 Glacial till (cohesive)

5.3.1 Extent and description

All exploratory holes which penetrated the full thickness of the made ground encountered glacial till (cohesive) across the site. The base of the glacial till was not encountered during the GI, with the maximum depth recorded as 25m bgl in BH04.

Glacial till (cohesive) has been described on the site as a firm to stiff reddish brown slightly sandy gravelly clay with low cobble content. Gravel is fine to coarse, rounded to subrounded of sandstone, limestone and mudstone. Cobbles are subrounded and include sandstone and limestone. Much of the glacial till encountered on site was a matrix-supported cohesive material with frequent granular lenses (described in Section 5.4). Glacial till is described locally as soft to firm, encountered at shallow depth within BH02 and BH04.

During the ground investigation, window sample boreholes experienced very slow progress when advancing in glacial till below 4mbgl. At these depths the window sampler rig was recovering 300mm of sample or less per 100 blow counts. These observations suggest that glacial till becomes stiff below approximately 4m bgl.

When drilling in cable percussion boreholes at depths of 16.5m bgl and greater, attempts to retrieve U100 samples of glacial till resulted in incomplete sample recovery as follows:

- BH01 at 16.5m bgl
- BH02 at 17.5m bgl
- BH02 at 21.0m bgl
- BH4 at 20.0m bgl
- BH4 at 20.5m bgl

At these depths and greater, the glacial till (cohesive) is described as stiff to very stiff on the GI Contractor's borehole records. It is likely that the stiff nature of glacial till encountered on site, combined with gravel and cobble content, led to the poor sample recovery described above.

During the formation of BH02, an obstruction was encountered within the glacial till at a depth of 22.30m bgl. This feature is interpreted to represent either a naturally occurring boulder within the glacial till or a lens of very dense granular material. The presence of boulders within glacial till in other locations across the site is possible.

5.3.2 Geotechnical in-situ and laboratory testing

Particle Size Distribution

A total of 11 No. PSD tests were undertaken on samples described as glacial till (cohesive). The results of these tests characterised the material as slightly gravelly slightly sandy to sandy clay.

See Appendix A3.3 for PSD soil curves within glacial till.

Natural Moisture Content and Atterberg Limits

Seventeen natural moisture content tests were undertaken on samples of glacial till (cohesive). These tests returned values of between 7 and 29%. 12 No of these samples were also subjected to Atterberg Limits testing. The reported value of plastic limit ranged from 11 to 19% whilst the liquid limit varied from 18 to 42%.

This testing characterises the glacial till (cohesive) as a low to medium plasticity clay on the Atterberg Chart (Appendix A3.1). Using the correlation between plasticity index and angle of shearing resistance (φ'_{cv}) presented within BS 8004: 2015, the above data correlated to a φ'_{cv} of between 25 and 33^{o}.

Standard Penetration Test

Eighty SPT tests were undertaken in material described as glacial till (cohesive). SPT testing was undertaken within this material at depths of between 1.2 and 24.75m bgl (23.05 to -0.98m OD). These tests returned values of between 12 and 94 (values having been extrapolated for tests where full penetration was not achieved). The average SPT N value was N = 30.

SPT N values increase at a rate of 15 + 1.4z from 23mOD to 10.8mOD, with a clear relationship of increasing N value with depth. See Appendix A3.4 for SPT N values plotted against elevation.

From 10.80mOD to -0.98mOD, SPT N values increase with a rate of 32 + 3.7z, with a general relationship of SPT N values increasing with depth. At these elevations, SPT N values are observed to be more variable.

One test (BH02 at 19.5m bgl) returned an extrapolated SPT value of 120. This is not considered to be representative of the material mass a whole and so has not been included in the above considerations. Two further SPT tests were undertaken on material interpreted as representing a boulder within the glacial till. These tests

returned extrapolated results of 188 and 750 and are not considered representative of the material as a mass and so are not considered further.

Using correlations published by Stroud (1988) [6] an undrained shear strength (c_u) can be estimated for cohesive soils from SPT N values. The undrained shear strength can be estimated by $c_u = f_1 \times N_{60}$. For a typical plasticity index of 15%, a conservative multiplication factor (f_1) of 5 is used. Based on this correlation at an elevation of 23mOD, c_u = 75 kPa is estimated. The estimated c_u increases linearly with depth to 160 kPa at 10.8mOD, then to increases linearly to 383 kPa at approximately -1mOD (see Appendix A3.8).

Hand Shear Vane Testing

Hand shear vane testing was undertaken on 86 No. samples of the glacial till (cohesive) within the sides of trial pits. These tests returned correlated peak undrained shear strength values of between 86 and >130 kPa (130 kPa being the upper limit on measurable strength of the equipment used). See Appendix A3.5 for HSV plotted against elevation. An average peak undrained shear strength of 113 kPa was obtained.

Twenty-six of the above tests were repeated to gain residual undrained shear strength values on remoulded samples. These tests returned correlated residual undrained shear strength values of between 25 and 88 kPa.

California Bearing Ratio (CBR)

The Dynamic Cone Penetrometer (DCP) testing method to obtain an equivalent CBR has been conducted in trial pits and soakaway locations. See summary of locations and results conducted in glacial till below.

Table 4: Summary of equivalent CBR via Dynamic Cone Penetrometer testing method for exploratory holes in glacial till. Locations where no data is entered are locations of made ground.

Exploratory Hole ID	Reading at 500mm bgl	Reading at 1000mm bgl	Reading at 1500mm bgl
TP01	**-**	**17**	**26**
TP02	**5**	**13**	**26**
TP06	**-**	**17**	**26**
TP07	**-**	**-**	**26**
SA01	**-**	**17**	**17**
SA02	**13**	**26**	**26**

At depths of 1000mm below ground level, the average equivalent CBR is 18% from available ground investigation information. At depths of 1500mm below ground level the average CBR is 25%. Values from the DCP tests show that the glacial till encountered is a stiff material, with CBR's observed being much higher than typical CBR's for a clay formation. Plate load testing should be used to verify formation stiffnesses.

Triaxial Testing

Sixteen unconsolidated undrained triaxial tests (UUTX) have been carried out on U100 samples of material interpreted to be glacial till collected during the ground investigation. Resultant undrained shear strengths are plotted against elevation in Appendix A3.7.

Table 5 Summary of undrained shear strength with depth from unconsolidated undrained triaxial testing.

Depth	No. of samples	c_u range (c_u average)
0 – 5mbgl	6	77 – 239 kPa (180 kPa)
5 – 10mbgl	5	90 – 121 kPa (106 kPa)
10 – 15mbgl	4	46 – 229 kPa (132 kPa)
15 – 20mbgl	1	243 kPa (243 kPa)

Glacial till encountered on site does not show a clear relationship of increasing undrained shear strength with depth when assessing the results of the unconsolidated undrained triaxial tests. The results have been subdivided into five-meter depth ranges below ground level to observe any trends with depth in Table 5.

The average undrained shear strength of U100 samples collected between 0 and 5m bgl was 180 kPa. Tested samples agree with observations made on site that glacial till has been described as firm to stiff, with slow progress of window sampler rigs at these depths.

At depths of 5 to 15m bgl, greater variation (46 to 229 kPa) and lower average undrained shear strengths (106 and 132 kPa) have been observed. It is likely that the glacial till is encountered firm to stiff, but preferentially shears along frequent sand lenses observed within the Glacial till at these depths.

At depths of 15mbgl and below, a single U100 sample was tested resulting in an undrained shear strength of 243kPa. The tested sample agrees with observations made on site that glacial till has been described as stiff to very stiff at these depths.

Oedometer Testing

Two U100 samples of glacial till collected from BH02 (5.5m bgl) and BH03B (4.0m bgl) have been tested for their one-dimensional consolidation properties via oedometer testing. The respective M_v values were 0.65 and 0.69 m^2/MN over a pressure range of 0 to 800 kPa.

Compaction Testing

Two samples of glacial till collected in OP07 (0.3m bgl) and TP02 (0.8m bgl) have been tested for moisture content and dry density relationship. Optimum moisture

contents of 10 to 17% were calculated for these samples to achieve maximum dry density.

With respect to moisture content for glacial till on site, a range of 7.2 to 21% has been obtained from moisture content tests. Typically, glacial till on site at shallow depths has been encountered at a slightly higher moisture content compared to its optimum moisture content.

5.4 Glacial till (granular lenses)

5.4.1 Extent and description

Granular lenses have been observed within the glacial till, described as light brown slightly gravelly slightly clayey sand. Sand is fine to medium. The locations and depths at which these granular lenses were encountered are listed below:

- BH02 from 0.80m bgl to 1.80m bgl,
- BH02 from 10.80m bgl to 13.70m bgl,
- BH02 from 16.20m bgl to 17.20m bgl,
- BH03B from 13.70m bgl to 14.00m bgl,
- BH04 from 8.00m bgl to 12.30m bgl,
- BH04 from 16.00m bgl to 16.70m bgl,
- WS07 from 2.00m bgl to 2.50m bgl,
- TP01 from 2.60m bgl to 3.20m bgl.

These granular bodies are encountered in greater thicknesses (BH02 and BH04) in the south of the site. Two likely lenses are interpreted in BH02 and BH04, an upper lens over levels of approximately 16 and 10m OD (demonstrating a thickness of between 2.9 and 4.3m - the granular material encountered in BH03B possibly represents the pinching out of this material). A deeper, thinner lens over elevations of approximately 8 and 6m OD (demonstrating a thickness of between 0.7 and 1.0m).

Thinner deposits of granular glacial material are also encountered in BH02, WS07 and TP01 closer to the surface, demonstrating a potential for similar materials to be present at varying elevations across the site.

5.4.2 Geotechnical in-situ and laboratory testing

Particle Size Distribution

Two PSD tests were undertaken on samples described as glacial till (granular lenses), see Appendix A3.3. Two of these tests provided a classification of slightly gravelly clayey sand.

One of the samples was taken from a granular lens which was identified at 18.00m bgl' in BH02. This particular sample was classified as a gravelly very silty sand with a high cobble/boulder content (the uppermost clast size was not described).

Natural Moisture Content

Three natural moisture content tests were undertaken on glacial till (granular lenses). These tests returned values of between 12 and 18%.

Standard Penetration Test

Eight SPT tests were carried out on material described as being glacial till (granular lenses) shown in Appendix A3.4. These tests returned values of SPT 'N' of between 10 and 64, values greater than 'N' = 50 having been extrapolated. As a whole, the material would typically be described as medium dense in accordance with BS 5930:2015+A1:2020.

Correlation from $(N_1)_{60}$ (SPT 'N' value corrected for plant energy ratio, rod length and overburden pressure, BS EN ISO 22476-3 2005+A1:2011 Part 3) using the Wolff's equation [7] provides a range of values of peak angle of shearing resistance (φ'_{pk}) of between 29 and 42º, with a characteristic value of 33 º.

Compaction Testing

One sample of glacial till (granular lenses) was collected in BH02 at 0.8m bgl and was tested for moisture content and dry density relationship. The optimum moisture content calculated was 15%.

5.5 Groundwater

5.5.1 Groundwater encountered during fieldworks

Groundwater was not encountered during the fieldwork.

During the excavation of TP04A, saturated strata and heavy inflow of water was encountered. This was understood to be the result of locally perched water above existing brick foundations.

5.5.2 Groundwater monitoring

Groundwater monitoring equipment was installed in 13 No. exploratory positions. These comprised a 50mm standpipe within a gravel screen and bentonite seal in each case. A summary of the groundwater monitoring installations is provided below along with a summary of the data collected to date. A total of 6 rounds of groundwater monitoring were attempted to be undertaken on the site (30/06/2021 to 08/09/2021). In some instances a full data set was not obtained from each installation due to access issues on site during the monitoring period (see Section 7.4.2 for further details).

Table 6: Summary of borehole installations and groundwater details

Location	Complete rounds	Response zone (mbgl)	Response zone stratum	Groundwater depth range (mbgl)	Groundwater Level (mOD)
BH01 (Shallow)	1	0.7 to 3.7	Made ground	0.95	22.44

Location	Complete rounds	Response zone (mbgl)	Response zone stratum	Groundwater depth range (mbgl)	Groundwater Level (mOD)
BH01 (Deep)	1	4.7 to 20	Glacial till (cohesive)	Not encountered	Not encountered
BH02	3	10.7 to 17.5	Glacial till (granular lenses)	16.38 to 16.46	7.3 to 7.22
BH03B	6	0.7 to 15	Glacial till (cohesive)	12.28 to 12.48	11.57 to 11.77
BH04	1	8.2 to 12.5	Glacial till (granular lenses)	11.97	11.8
WS01	6	0.5 to 3.6	Glacial till (cohesive)	0.49 to 3.24	23.50 to 20.75
WS02	1	0.7 to 3.6	Glacial till (cohesive)	0.64	23.43
WS03	6	0.6 to 3.7	Glacial till (cohesive)	0.15 to 0.56	24.40 to 23.99
WS04	6	0.9 to 4.7	Glacial till (cohesive)	1.85 to 3.51	22.29 to 20.63
WS05	5	0.7 to 3.8	Glacial till (cohesive)	1.29 to 1.71	22.76 to 22.34
WS06	6	0.8 to 4.6	Glacial till (cohesive)	0.81 to 1.04	23.54 to 22.31
WS07	3	0.65 to 3.5	Glacial till (cohesive)	1.92 to 1.99	21.51 to 21.44
WS08	4	0.8 to 4.1	Glacial till (cohesive)	0.72 to 3.1	23.1 to 20.72

Groundwater monitoring has observed up to two bodies of groundwater, both within glacial till. A shallow groundwater body has been observed within all the window sample installations between a level of 24.40 and 20.63mOD.

The other groundwater body has been observed at a level of 11.8 to 7.22mOD, associated with glacial till (granular lenses) encountered more frequently at these depths.

5.6 Summary of characteristic geotechnical parameters

Where possible, characteristic geotechnical parameters have been inferred from in situ tests undertaken during the field work or laboratory tests from appropriate samples. These parameters are summarised within the table below.

Further material parameters shall be derived and assigned as part of the subsequent detailed design process.

Table 7: Summary of geotechnical parameters

Strata		Parameter	Value	Units	Comments
Made ground	Cohesive	Angle of shearing resistance ($\varphi_{cv;k}$)	27	°	Correlated from plasticity index (BS 8004:2015). Inferred using SPT N values (Meyerhof, 1956). Based on 3 No. Atterberg tests.
		Undrained shear strength ($c_{u;k}$)	82 to 120	kPa	Based on 5 No. Hand Shear Vane Tests.
	Granular	CBR	3.5	%	Average CBR from in-situ Mexeprobe tests.
Glacial till (cohesive)		Angle of shearing resistance ($\varphi_{cv;k}$)	27	°	Correlated from plasticity index (BS 8004:2015).
		Undrained shear strength ($c_{u;k}$)	75 to 383	kPa	Inferred using SPT N values, applicable at depths from approx. 1 to 22.5m bgl (Stroud, 1988).
		Undrained shear strength (c_u)	106 to 243	kPa	From UUTX, see Table 5.
		CBR	18	%	Average CBR from in-situ DCP tests conducted at 1m bgl. To be verified by plate load testing on exposed formations
		Optimum moisture content	10 to 17	%	Based on two moisture content/dry density relationship tests.
Glacial till (granular lenses)		Angle of shearing resistance ($\varphi_{pk;k}$)	33	°	Inferred using SPT N values (Meyerhof, 1956).
		Optimum moisture content	15	%	Based on one moisture content/dry density relationship test.

6 Civil engineering investigations

6.1 Utility trial slots

Trial slots TS01 to TS21 were proposed by Hannan Associates to confirm the type of utility and depth across the site. All trial slot locations were vacuum excavated to a maximum depth of 1.1m bgl. During the investigation TS09 and TS17 were could not be undertaken due to presence of parked cars throughout the duration of the works. It was not possible to change the location of these trial slots to obtain the information required.

The types of utilities encountered within the trial slots during the investigation include, but not limited to:

- BT,
- Gas,
- Power,
- Ceramic Drains,
- Water,
- Street Light Power Supply.

Refer to the trial slot logs and associated sketches for further details on utilities on site within the AEG Factual Report [5].

6.2 Soakaway testing

To determine the feasibility of incorporating infiltration into the surface water drainage design, three BRE365 soil infiltration test pits (SA01, SA02 and SA03) were excavated by AEG to a depth of 2m bgl within the glacial till.

In all tests locations no discernible water movement was observed, leading to no soil infiltration rate being calculated. It should be considered that glacial till in the tested locations offers very low rates of infiltration which confirm the relative impermeability of ground conditions at shallow depth. Therefore, infiltration is not considered a suitable option as part of the sustainable drainage design.

7 Geoenvironmental risk assessment

7.1 Initial conceptual model

The UK guidance relating to contaminated land describes a risk assessment methodology based on the 'source-pathway-receptor' model. This model comprises:

- The principal pollutant hazards associated with the property (the sources);
- The principal targets at risk from the identified hazards (the receptors), such as residents, construction workers and the environment;
- The existence, or absence, of plausible pathways that may exist between the identified hazards and targets.

For a risk to exist, all three elements (source-pathway-receptor) of a significant pollutant linkage must be present. A conceptual site model (CSM) has been developed for this following the framework outlined within the Environment Agency's Land Contamination: Risk Management (LCRM) guidance [8]. A CSM describes the scenario in which the risks to human health and the environment (posed by contaminated land) are assessed. It describes the ground and surface conditions and the activities performed on the site. The model identifies and describes the sources of potential contamination, the behaviour of the contamination in environmental media such as soil and groundwater, surface water and air. It also identifies and characterises potential human health and environmental receptors.

A preliminary conceptual site model for the site was presented in the desk study and is summarised in Table 8.

Table 8: Preliminary conceptual site model

Sources	Pathways	Receptors
Potentially impacted Made ground soils	Dermal contact with soils Inhalation of dust or vapour Ingestion of dust, soil	Future site user (mainly in soft landscaping areas) Construction workers
	Uptake by plant roots	Planting in areas of soft landscaping
Leachable contaminants in the Made ground	Leaching of Made ground in the unsaturated zone and infiltration	Groundwater within superficial aquifer
	Leaching of Made ground in the saturated zone	
	Piles or excavations through cohesive layers and preferential vertical movement of dissolved contaminants	
Fuels, oils (NAPL)	Inhalation of vapours	Future users of buildings Construction workers
	Leaching into groundwater	Groundwater within superficial aquifer

Sources	Pathways	Receptors
Groundwater impacted by leaching (dissolved phase contamination)	Transport in groundwater	North Irish Sea
Ground gases	Accumulation of gases in confined spaces producing an asphyxiation and explosion risk	Future user of buildings
Soils or groundwater aggressive to building materials	Contact with aggressive soils and groundwater	Structural concrete
		Buried water supply pipes

The ground investigation was designed to inform further assessment of the source-pathway-receptors identified above.

The results of the chemical testing of soil and groundwater samples and gas monitoring (to date) have been assessed to determine the potential significance of the levels recorded. Results have been compared against appropriate screening criteria, intended to be protective of human health and the wider environment.

The preliminary CSM is reviewed following the risk assessments at the end of Section 7 to identify plausible pollutant linkages and the need for mitigation.

7.2 Human health screening assessment

7.2.1 Assessment criteria

The soil results have been compared to the Arup human health generic assessment criteria (GAC) for a commercial end use which is considered to be the most appropriate scenario for the proposed development. The GAC have been generated for a soil with organic matter content of 6% (based on average organic matter contents identified in Made ground samples taken on site) using the Contaminated Land Exposure Assessment (CLEA) model (v1.07).

7.2.2 Soil screening results

The results of the soil screening assessment are presented in Appendix B.

A total of 38 soil samples were screened and all contaminants tested were below the screening criteria for a commercial end use.

No asbestos was encountered in any of the samples.

7.2.3 Risk assessment

All contaminants tested have been recorded below their respective screening criteria for a commercial end use. Risks to future site users are not deemed to be present.

The results indicate that the existing soils within the site may be suitable for reuse as part of the development and that no specific remediation is likely to be required with respect to the protection of human health.

It is understood that the earthworks proposals to achieve final site levels will require the removal of the upper layer of soils across the site. Given the relatively shallow made ground soils encountered during the GI, this will result in most of the made ground being removed with the exception of the deeper basement fill in the north and northwest of the site.

Grossly contaminated materials are not expected to be encountered at the site. However, on any brownfield site there is the possibility that unforeseen contaminated material may be encountered during excavation works which could pose a risk to construction workers. Care should be taken during ground works and excavations should be supervised to ensure any previously unforeseen contamination is appropriately managed.

Any material which is identified as potentially contaminated (for example by visual appearance or odour) should be delineated and samples taken for chemical analysis by an Environmental Scientist. The samples should be compared to the soil assessment criteria to determine the suitability of this material for use within the development.

Where areas of soft landscaping are proposed it is assumed that a clean topsoil will need to be imported to site, as there is no existing topsoil on site which would be suitable for reuse within the scheme.

7.3 Controlled waters screening assessment

7.3.1 Assessment criteria

Soil leachate test results have been screened against criteria based on published freshwater Environmental Quality Standards (EQS) [9] to identify potential contaminants of concern. Where no EQS values are available the results have been compared against UK or EU drinking water standards (DWS) or World Health Organisation standards (WHO).

At the time of writing no groundwater samples had been obtained from the monitoring wells on site.

7.3.2 Leachate screening results

Leachate testing was completed on eleven made ground soil samples and five glacial till samples. The contaminants which exceed the screening criteria are summarised in Table 9 with the full assessment presented in Appendix B.

Table 9: Soil leachate exceedances of water screening criteria

Determinand	No. of samples	Screening criteria (µg/l)	Concentration range	No. of exceedances
Antimony	16	5	<0.17 – 19	3
Chromium	16	4.7	<0.25- 6.9	1
Copper	16	1	<0.4-15	12
Zinc	16	12.3	<1.3 -14	2

Localised leachable concentrations of some metals were recorded within made ground soil samples. Leachable concentrations of copper and zinc were also recorded within soil samples from the glacial till.

7.3.3 Risk assessment

During the ground investigation perched groundwater was encountered within the made ground (backfilled basement) within one location associated with brick foundations. Shallow groundwater has been recorded within the glacial till.

Some leachable concentrations of metals have been recorded in made ground soils beneath the site. However, all of these samples were within the upper 0.5m of made ground which is likely to be removed from site during the proposed earthworks. There was no evidence of contamination in the made ground soils beneath the site which could be considered likely to pose a risk to groundwater via infiltration and leaching.

Most of the proposed development will comprise buildings and hardstanding, and any infiltration will be minimised to areas of soft landscaping only. This will limit the potential for future generation of leachate. The cohesive layers of the glacial till beneath the site will prevent any significant downward migration of leachate. Consequently, it is considered unlikely that any future remediation to mitigate risks to controlled waters would be required as part of the proposed future development.

As no significant contamination has been identified beneath the site, the risk of piling operations resulting in a pathway to groundwater in glacial till (granular lenses) is considered to be low.

7.4 Ground gas risk assessment

7.4.1 Assessment criteria

The risk posed to buildings by hazardous ground gases has been assessed in accordance with CIRIA C665 [10] and British Standard guidance [11] and follows the source-pathway-receptor model.

7.4.2 Gas monitoring results

Six rounds of ground gas monitoring have been undertaken from thirteen standpipes installed on site within the glacial till and made ground. Access issues prevented a

full set of complete monitoring rounds for several standpipes. The total number of complete monitoring round for each standpipe is indicated in Table 10 below. Access was restricted due to a number of factors including cars parked over locations, scaffolding set up over locations and a skip present over locations. In some cases the headworks of the standpipe installation were damaged and the gas taps had been removed.

Atmospheric pressures during the monitoring ranged from 991 to 1030 mb. Pressure below 1000mb was recorded on one occasion (5th August 2021). The results of the gas monitoring obtained to date are summarised in Table 10 below.

Table 10: Gas monitoring results.

Monitoring well	Response Zone	No. of completed visits	Methane (range % v/v)	Carbon Dioxide (range % v/v)	Peak gas flow (l/hr)	Characteristic Situation
BH01 (shallow)	Made ground in backfilled basement	1 of 4	0.1	0.1	0.1	CS1
BH01 (deep)		1 of 4	0.2	0.2	0.1	CS1
BH02	Glacial Till (made ground < 1m thick)	3 of 5	0.1 to 0.2	0.1 to 0.9	1.0	CS1
BH03B		5 of 6	0.1	0.1	0.4	CS1
BH04		5 of 6	0.1 to 0.2	0.1 to 1.3	4.8	CS1
WS01		5 of 6	0.1	0.1 to 1.4	1.4	CS1
WS02		1 of 6	0.1	0.2	0.1	CS1
WS03		5 of 6	0.1 to 0.6	0.3 to 0.6	1.5	CS1
WS04		6 of 6	0.1	1.0 to 1.9	0.3	CS1
WS05		6 of 6	0.1 to 0.2	0.2 to 0.4	0.1	CS1
WS06		5 of 6	0.1 to 0.2	0.1	1.2	CS1
WS07		3 of 5	0.1	0.9 to 1.2	0.1	CS1
WS08		1 of 6	0.1	0.2	0.1	CS1

In addition to the gas monitoring data presented in Table 10, we have considered the data obtained during the 2015 Integra GI for the area of the infilled basements. During the 2015 GI, two monitoring rounds were undertaken from BH1A, installed in the infilled former basement. The results obtained indicate CS1 conditions with a maximum methane concentration of 0.0 %v/v and a peak flow rate of 0.l/hr.

7.4.3 Gas risk assessment

Low levels of methane (<0.1% to 0.6) and carbon dioxide (<0.1-1.9%) were recorded in the boreholes.

A maximum gas flow rate of 4.8 l/hr was recorded in the glacial till. Overall gas flow rates were low in all standpipes suggesting that ground gases are not being generated in significant quantities.

Gas Screening Values (GSV) have been calculated for methane and carbon dioxide, in line with current CIRIA guidance. Based on the current data, the

GSVs indicate that the gassing regime within the site conforms to Characteristic Situation 1. For this situation gas protection measures are not required within the new building developments.

7.5 Building materials

7.5.1 Concrete

On brownfield sites or as a result of natural conditions, contaminants such as sulphate and acidic conditions generally present a low risk to human health but can result in the degradation of buried concrete. The chemical environment for concrete has been assessed following the guidance outlined in BRE Special Digest 1 [12].

The design sulphate (DS) and aggressive chemical environment for concrete (ACEC) classes were assessed assuming that the site was classified as non-pyritic brownfield with mobile groundwater. A summary of the assessment results is provided in Table 11.

Table 11: Summary of aggressive ground testing.

Strata	No. of samples	Characteristic pH	Characteristic sulphate (mg/l)	Design sulphate class	ACEC class
Made ground	5	10	150	DS-1	AC-1
Glacial till	13	8.1	280	DS-1	AC-1

Based on the above, it is considered that all buried concrete at the development site should be designed in accordance with DS-1 and AC-1.

7.5.2 Water supply pipes

A variety of contaminants have the potential to permeate water supply pipe, potentially degrading the integrity of the pipes or tainting water supplies. Aggressive conditions could also potentially impact on the integrity of metal pipes.

A potential pollutant linkage exists between potable water supply pipes (and the water within) and potential contaminants in the made ground.

In the vicinity of the proposed potable water supply for the development, one soil sample was obtained from the made ground and one sample was obtained from the glacial till. These samples were tested for the UKWIR suite for pipe material risk assessment and the results compared to the UKWIR guidance. This assessment indicated that PE and PVC water pipe material were unlikely to be suitable for use within the site where they were in contact with made ground. PE and PVC water pipe material may be suitable within the glacial till soils. Further testing along the pipeline route may be required to confirm the appropriate pipe material.

Any new water supply connections should be designed in consultation with United Utilities, to ensure the pipe materials used are appropriate for the ground conditions.

7.6 Revised conceptual model

The preliminary conceptual site model has been reviewed and amended to take account of the ground conditions confirmed by the ground investigation and revises the understanding of potential sources of contamination (based on ground investigation and screening assessment), migration pathways and possible receptors in the vicinity of the site.

Following the ground investigation, site specific source-pathway-receptor relationships have been assessed and the associated risks reviewed and summarised in Table 12. The risk classification of very low, low, medium or high risk have been based in the CIRIA guidance C552.

Table 12: Conceptual site model and risk estimation

Potential receptor	Source	Potential pathways	Consequence of risk being realised	Probability of risk being realised	Risk classification	Mitigation of risk	Estimation of residual risk
Human Health (construction workers)	General soil contamination	Inhalation / dermal contact / ingestion of soils and dust	Medium	Unlikely	Low Risk	No significant soil contamination has been identified. Appoint experienced competent contractor, appropriate site management methods and site controls, personal protective measures, confined spaces best practice and dust suppression as appropriate. Management of "unexpected contamination" encountered.	Very Low Risk
Human Health (on-site users following redevelopment)	General soil contamination including PAHs and asbestos	Inhalation / dermal contact / ingestion of soils and dust	Medium	Unlikely	Low Risk	No significant soil contamination identified and therefore no specific remediation required.	Very Low Risk
	Ground gas	Inhalation/ explosion	Medium	Unlikely	Low Risk	Characteristic Situation 1 – gas protection measures not required	Very Low Risk
Building materials	Buried concrete	Direct contact with soils/ groundwater	Medium	Unlikely	Low Risk	Buried concrete should be designed in accordance with DS-1 and AC-1	Very Low Risk
	Water Supply Pipes	Direct contact with soils/ groundwater	Medium	Unlikely	Low Risk	Selection of appropriate pipe materials in accordance with ground conditions.	Very Low Risk

8 Hazardous waste assessment

8.1 Methodology

An indicative waste classification assessment has been undertaken on the soil chemical results to provide information for management and disposal of soils at the site.

The online waste classification service HazWasteOnline was used to screen the soil chemical results to identify those samples that may be classified as hazardous waste if offsite disposal is required in line with current waste guidance, WM3. Once data is uploaded, HazWasteOnline generates detailed reports containing the hazardous properties (risk phrase) identified for each sample. Summary tables from these reports are presented in Appendix C. It identifies samples as being hazardous, potentially hazardous or non-hazardous waste. The user is required to employ site specific knowledge to confirm the classification.

8.2 Results

In total 35 samples of made ground were tested for a range or inorganic and organic contaminants during the recent ground investigation. HazWasteOnline classification identified 29 samples as non-hazardous and 6 made ground samples as hazardous. See Appendix C for the HazWasteOnline classification.

Six samples were found to have hazardous concentrations of TPH aliphatic and aromatic compounds. At these concentrations HP 7: Carcinogenic, H350 “waste which induces cancer or increases its incidence”, HP 11: Mutagenic, H340 “May cause genetic defects”, and HP 3(i) Flammable “flammable liquid waste” are triggered. However, as noted in Section 6 there was only one localised failure of the TPH commercial GAC and therefore the material is potentially suitable to remain or be reused on site. See Appendix A1.5 for the locations of the samples collected in made ground determined to be hazardous, from these assessments the samples are limited to the north of the site.

Made ground which is not classified as hazardous will be, by default, classified as non-hazardous. A subset of non-hazardous waste is inert. To classify material as inert, stringent Waste Acceptance Criteria (WAC) testing must be undertaken, and thresholds met.

WAC testing has been undertaken on a number of samples however, the results have not been received.

9 Geotechnical development considerations

9.1 Building foundations

The proposed 7-storey structure is anticipated to have column loads of up to 8,000 kN in some locations. With loads of these magnitudes, shallow foundations will not be feasible to support the main structural loads due to the impractical sizes of foundations that would be needed. Piled foundations are recommended due to the smaller footprint of the foundations and the ability to transfer load to deeper strata with greater load capacity and reduced settlements.

The use of bored cast in situ or continuous flight auger (CFA) piles are considered the most appropriate pile types to mitigate ground movement, noise and vibration impacting adjacent buildings, for a site located within the town centre and encountered ground conditions.

Based on the estimated and tested undrained shear strength of the glacial till, and anticipated loading, piles installed to depths of 15 to 20m below ground level are likely and these lengths are considered practically achievable with most standard piling equipment.

Table 13: Summary of undrained shear strength with depth for glacial till encountered on site. Estimated c_u has been done using a multiplication factor of 5 using correlations published by Stroud (1988) [6] and Appendix A3.8. The undrained shear strength tested via undrained and unconsolidated method (UUTX) has been taken from Table 5.

Depth	SPT (estimated c_u)	UUTX (c_u average)	Comments
0 – 5mbgl	86 kPa	180 kPa	Estimated c_u taken from centre point of depths @ 21.5mOD.
5 – 10mbgl	121 kPa	106 kPa	Estimated c_u taken from centre point of depths @ 16.5mOD.
10 – 15mbgl	156 kPa	132 kPa	Estimated c_u taken from centre point of depths @ 11.5mOD.
15 – 20mbgl	237 kPa	243 kPa	Estimated c_u taken from centre point of depths @ 6.5mOD.
20 – 25mbgl	327 kPa	-	Estimated c_u taken from centre point of depths @ 1.5mOD.

Information from the ground investigation and further assessments for this report indicate the glacial till to have variable undrained shear strength with depth, see Table 13.

When considering the undrained shear strength from unconsolidated undrained triaxial tests (UUTX) alone it shows that glacial till is firm to stiff at depths of 0 to 5m bgl, becoming variable and exhibiting lower average c_u at depths between 5 and 15mbgl, then becoming stiff to very stiff below 15m bgl.

When estimated undrained shear strengths (from SPT N values) are considered, it shows a positive relationship of increasing strength with depth. Similar values of c_u are observed for estimated c_u and UUTX c_u between depths of 5 and 20m bgl.

It may be appropriate to use values of c_u estimated and/or UUTX c_u when determining characteristic values to use when assessing pile capacity.

It may also be appropriate to consider contribution to pile capacity from cohesionless soils in the form of glacial till (granular lenses), encountered in greater thicknesses in the south of the site (BH02 and BH04). Contribution to pile capacity from made ground (in areas of backfilled basements) should be discounted due to the variable nature of the materials encountered.

The pile toe levels will be a function of the loading at each column position but are expected to be within glacial till, well above the mudstone bedrock. The Triassic Sidmouth Mudstone Formation is anticipated at depths of 75m bgl from historic borehole records within the local area[1]. Due to the encountered ground conditions, it is anticipated that pile capacity will largely be a function of shaft friction.

In the area of backfilled basements, measures may be required ahead of forming piles to deal with any obstructions that may be present in the areas of deeper made ground.

Piles should be performance specified limiting settlement to a criteria within the structural tolerance.

It is recommended that an experienced piling contractor is consulted for input into the piling solution as the structural solution develops and the expected loading requirements become more defined.

9.2 Floor slab construction

Across the majority of the site outside areas of backfilled basement, given the presence of the relatively thin made ground deposits overlying competent glacial till, for the expected modest slab loading associated with an office building, the use of ground bearing slabs is appropriate. However, the site platform will need to be prepared and any soft or hard spots removed and the formation proof rolled and visually checked by a competent geotechnical engineer and validated by plate load testing. Particular caution will be needed in areas where deep excavation and backfilling is conducted as part of the demolition works and in any areas where there is a high concentration of loads such as plant rooms.

Further consideration is required to determine the most appropriate floor slab construction in the limited areas of the proposed building that overlie the backfilled basements. Options to excavate, select and recompact existing deeper made ground materials or treat in-situ e.g., by vibro-ground improvement could be considered. Further discussion will be presented in the forthcoming Demolition and Earthworks Specification.

9.3 Gas protection

Based on the available gas monitoring data, no gas protection measures are required for the new floor slabs.

9.4 Earthworks and site preparation

Prior to construction of the new development, site preparation / enabling works and earthworks will be required. The scope of such works could include the following:

- Demolish existing buildings and walls in centre of the site to ground level;
- Remove existing surface pavements and underlying concrete slabs;
- Grub out existing shallow building foundations;
- Depending on quantities, crush and process the hard materials either on site or off site to produce a Class 6F capping type material for reuse in the enabling works such as haul roads and/or piling mattress or as permanent support to the floor slabs or external pavements;
- General excavation and placement to form the general site platform, at formation level (including the provision of a piling mattress).
- Further consideration is required in order to determine the most appropriate measures to be taken in areas of backfilled basements. Further discussion will be presented in the forthcoming Demolition and Earthworks Specification. Where space permits, excavation and recompaction of suitable materials could be adopted. Alternatively, ground improvement could be used to improve the in-situ density and remove air voids.

Excavation support or temporary works may be required to maintain excavation stability at the location of excavations required for utility trenches and building foundations where made ground or glacial till (granular lenses) is encountered.

Excavations in the made ground will need to take account of the possibility of encountering perched ground water requiring localised dewatering methods.

Surplus and unsuitable material will need to be removed from site unless site levels can be optimised to enable material reuse in the earthworks. It is anticipated much of the made ground (encountered on average 700mm thick) will be excavated and may require disposal from the general site platform at formation level.

Depending on whether the construction of a piling mattress is included as part of the enabling works, a temporary granular weathering layer is may be required to be placed across areas of exposed glacial till on completion of the enabling works.

9.5 Material re-use

Where there is an opportunity to re-use site-won materials within the works, a Materials Management Plan in line with the CL:AIRE Definition of Waste Code of Practice should be prepared. Surplus material, that cannot be reused within the scheme, should be disposed of offsite in accordance with current waste regulatory requirements. Possible options for the re-use of site won materials are described below. These should be reviewed moving forwards upon confirmation of the development proposals and site levels.

- Made ground (granular): Subject to appropriate screening and crushing, it may be possible to reuse these materials as a general fill or the larger components crushed to a capping material. Much of this material is likely to be excavated out as part of the earthwork proposals.
- Made Ground (cohesive): It is unlikely that this material will be suitable for a structural fill but may be appropriate for landscaping should this be required. Much of this material is likely to be excavated out as part of the earthwork proposals.
- Glacial till (cohesive) is generally described as a firm to stiff slightly sandy gravelly clay. This material will be excavated as part of piling works (if found to be necessary) and for the construction of the founding slab/pile caps. It is unlikely that this material will be suitable for a structural fill but may be appropriate for landscaping should this be required.
- Glacial till (granular lenses) is described as a slightly gravelly slightly clayey sand. Subject to appropriate sorting and screening, this material may be suitable as a general fill.

It should be noted that the above guidance is very much dependent on the skill of the contractor being able to separate materials and the weather conditions at the time of the earthworks. Potentially reusable fill can very quickly be rendered unsuitable during periods of wet weather and be difficult to dry out. In periods of wet weather, stockpile management becomes critical.

Although no asbestos was encountered during the ground investigation, presence of asbestos within the made ground should be considered during any future processing of the ground and construction work involving the disruption of the ground. This is to protect the health of site workers and adjoining residents from the creation of fugitive dust and fibres. The development contractor should appoint an appropriately qualified asbestos specialist in accordance with the Control of Asbestos Regulations (CAR 2012) and CIRIA C773 to advise on the risks and mitigation measures required to deal with asbestos in the ground.

9.6 Backfilled basements

From the historic map review, St. John's Market was constructed within the north of the site in 1961 and demolished by 2002.

Following its demolition, it appears that the full footprint of the former structure did not have a basement, which appears to be limited to just the northwest corner of the site in an L-shape (Appendix A1.3). Exploratory holes BH01, TP04, TP04A and SA03 have encountered locally deep made ground deposits that have been inferred to be the backfill to the basement.

The material backfilled within the basement has been described as a brown slightly clayey sandy gravel with medium cobble content, with fragments of tile, metal and occasional rebar. Cobbles of brick and concrete. This material was encountered at its deepest of 3.7m bgl within the northwest of the site, becoming shallower towards the northeast (in SA03) encountered to a depth of 1.1m bgl.

As the Contractor was able to advance the BH01 with a cable percussive rig and excavate through SA03 into underlying natural glacial till with an excavator, the concrete basement floor is likely in poor condition. In TP04 it has been observed that a concrete construction prevented advancing the machine excavated trial pit. It is possible that the concrete basement floor may be better condition in some locations.

In one location (TP04A) a buried brick wall dividing different rooms within the basement appears to be intact. There may be the potential for further buried brick walls within the area denoted to be backfilled basements.

Subject to the piling arrangement, where the made ground is not being fully excavated, it may be required to locally pre-bore in the locations of proposed piles to clear obstructions to allow CFA or bored cast in-situ piling techniques to be deployed in these areas.

9.7 Obstructions and voids

Outside the area of backfilled basement, the following obstructions were encountered within the made ground:

- WS05 – Concrete at 0.40m bgl (100mm thickness),
- TP05 – Concrete slab at 0.45m bgl (250mm thickness),
- OP05 – Concrete at 0.30m bgl (50mm thickness),
- OP06 – Stepped concrete foundation at 0.35m bgl (thickness not determined),
- IC15-BH1 and IC15-BH2, concrete rubble from 0.5-1.6m bgl extending to at least 2.8m bgl leading to these boreholes being relocated;
- IC-15-TP1, concrete strip at 0.4m bgl (depth unproven due to groundwater ingress), suspected former foundation or structural feature;
- IC15-TP2, concrete obstruction from 0.3-0.6m bgl and from 1-1.2m bgl;
- IC15-TP3, brick wall from 0.4-0.55m bgl; and
- IC15-TP5, brick wall from 0.4-0.6m bgl.

Within the backfilled basement, the following obstructions were encountered within the made ground:

- TP04 – Concrete obstruction at 1.5m bgl (thickness not determined),
- SA03 – Orange brick foundations at 0.60m bgl (250mm thickness),
- SA03 – Grey white concrete footings at 0.85m bgl (250mm thickness),

Within the made ground, paving slabs and concrete have been observed. Providing the shallow obstructions in the made ground are dealt with before piling (general site clearance), these obstructions are considered unlikely to represent a constraint during construction. Depending on the approach taken to deal with the backfilled basements, proposed positions of piled foundations may need to be cleared of potential obstructions.

Obstructions, such as large cobbles and boulders (e.g. within BH02) are commonly encountered within glacial till and should be considered as the scheme progresses. Within the ground investigation, high SPT 'N' values have been recorded which are potentially indicative of the presence of such potential obstructions. The choice of pile installation approach and plant selection will need to consider the potential presence of such obstructions within the glacial till.

Voids were anticipated on site given the site history of a former residential development. During the GI a 0.1m thickness void was encountered during the excavation of OP05. It was reported that this was present beneath a concrete slab above a service line. Following the GI, a void has opened up within TP06 following reinstatement, in which works are ongoing to complete reinstatement within this exploratory hole position. As outlined in the Arup Desk Study Report [1], the residual risk of voiding on the site is related to uncontrolled/poor quality back filling of historical basements (of former residential development) and redundant utilities.

It is recommended that the factual information is provided to a competent piling contractor to determine their views on pile constructability given the ground conditions and obstruction potential.

9.8 Perched groundwater

Perched groundwater was anticipated in possible basement structures on site. During the GI it was encountered in a single exploratory hole location during the excavation of TP04A, saturated strata and heavy inflow of water was encountered at 0.75m bgl. This was understood to be the result of locally perched water above existing brick foundations.

Within the Integra 2015 ground investigation, perched groundwater was encountered more frequently, observed in the following locations below:

- IC15 – TP1: 0.90m bgl,
- IC15 – TP2: 1.50m bgl,
- IC15 – TP3: 0.70m bgl,
- IC15 – TP7: 1.50m bgl,
- IC15 – BH1: 1.20m bgl,
- IC15 – BH1A: 1.10m bgl,
- IC15 – BH2: 1.40m bgl, and
- IC15 – BH3: 18.20m bgl.

All but exploratory hole locations IC15 – TP3, IC15 – TP7 and IC15 – BH3 from the Integra 2015 ground investigation is water perched within made ground, located within northern and western parts of the site. This water is considered to be trapped within sections of former basement. During the development of the site, this groundwater should be removed for disposal and a temporary discharge consent is likely to be required. Transfer from site for alternative forms of treatment and/or disposal may also be appropriate.

A shallow groundwater body was encountered within all window sampler installations at levels of between 24.22 and 21.51mOD (0.33 to 1.92m bgl). It is possible that this groundwater may consist of discrete perched groundwater bodies. At the depths encountered temporary works and construction of service trenches will have to consider the presence of groundwater within their design.

10 Conclusions and recommendations

A ground investigation has been completed by Allied Exploration & Geotechnics Limited in May 2021 to supplement the ground investigation completed by Integra Consulting within 2015. This Ground Investigation Report is written to support a reserved matters planning application. The conclusions and recommendations from this report will be fed into the forthcoming Demolition and Earthworks Specification.

Generally, ground conditions comprise made ground at an average thickness of 700mm, predominantly encountered as a granular material. Made ground in the northwest corner of the site, was found to be up to 3.7m deep and has been interpreted as backfilled basements associated with the former St. John's Market building. Made ground is underlain by glacial till across the site, which the GI has established to be present to a minimum depth of 24.7m bgl. Granular lenses and thicker beds of sand have been observed within the glacial till, up to a maximum thickness of 4.3m interpreted as glacial till (granular lenses), observed mostly between 10 to 16m bgl. Bedrock has not been encountered within the ground investigation. From historical BGS borehole records within the area, bedrock is expected to be at approximately 75m bgl.

Analysis of soil samples has not identified any contaminants which could be considered to pose a risk to future site users for the proposed commercial land use. The results indicate that the existing soils within the site may be suitable for reuse as part of the development and that no specific remediation is likely to be required with respect to the protection of human health. However, should made ground soils be removed from site, a cluster of samples within the north of the site (see Appendix A1.5) have been determined as potentially hazardous and will need off-site disposal to an appropriately licensed waste management facility. Any works which involve the excavation of made ground should seek to segregate these soils prior to disposal to avoid impacting other non-hazardous material.

Ground gas risk assessment for the site indicates Characteristic Situation 1 conditions and therefore it is not anticipated that ground protection measures will be required in new buildings.

Prior to construction of the new development, a phase of site preparation and enabling works including earthworks will be required. The scope of such works is likely to include the demolition of existing buildings and associated walls in centre of the site to ground level, removal of existing surface pavements and underlying concrete slabs, grubbing out existing shallow building foundations and excavation and placement to form the general site platform, at formation level. A temporary granular weathering layer is recommended to be placed across areas of exposed glacial till on completion of the enabling works.

The use of bored cast in situ or continuous flight auger (CFA) piles are considered the most appropriate pile types to mitigate ground movement, noise and vibration impacting adjacent buildings. Based on the estimated and tested undrained shear strength of the glacial till and anticipated loading, piles installed to depths of 15 to 20m below ground level are anticipated. Depth to rockhead is expected approximately 75m bgl, therefore piles will be founded within glacial till, with

capacity of piles provided principally by skin friction. Early discussion with a competent piling contractor is recommended.

Generally, across the site, the use of ground bearing slabs is deemed appropriate once the site platform has been prepared. However, see below for areas of deep infilled basements.

The most significant constraint identified by ground investigation to the proposed development is considered to be the presence of backfilled basements, located within the northwest corner of the site. Their presence provides a potential constraint to the piling technique recommended above (CFA piles or bored cast in-situ). Backfilled basements may also limit the use of ground bearing slabs over the backfilled areas, due to the concern of differential settlement. With respect to the piling, a number of solutions can be considered, including for example pre-boring out obstructions at pile locations within the backfilled basements. With respect to the ground bearing slab, a number of treatments may be considered including in-situ treatment (e.g. vibro-ground improvement). Early engagement with the enabling works contractor and piling contractor is recommended to ensure the contractor is aware of the risk and can plan appropriately.

It is recommended that temporary works should consider the presence of groundwater within their design. Perched water encountered within the backfilled basement during development of the site should be removed for disposal or off-site treatment.

References

[1] Arup, King Street, Blackpool, Geotechnical Desk Study Assessment, Issue 2, 13 November 2020. 278729-REP-G-001

[2] Geotechnical Ground Investigation Report, Land off East Topping Street, Blackpool. Integra Consulting Environmental, dated February 2015. Ref 2877

[3] Groundsure Enviro Insight Report, April 2019, Report Reference: GS-5996379

[4] Make, King Street Blackpool Stage 3 Report Rev 01, June 2021.

[5] Allied Exploration & Geotechnics Ltd, King Street Blackpool Final Factual Report (Rev.00), July 2021. Report Reference: NW1607.

[6] Stroud. M. A (1988) Standard Penetration Test – Its Application and Interpretation, Penetration Testing in the UK, Thomas Telford, London 1989.

[7] Wolff, T.F. (1989). Pile capacity prediction using parameter functions. ASCE Geotechnical Special Publication No. 23, pp. 96-107.

[8] Environment Agency. Land Contamination: Risk Management, https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm

[9] UK Government, 2015. The Water Environment (Water Framework Directive) (England and Wales) Regulations 2015

[10] CIRIA C665, Assessing risks posed by hazardous ground gases to buildings, dated 2007

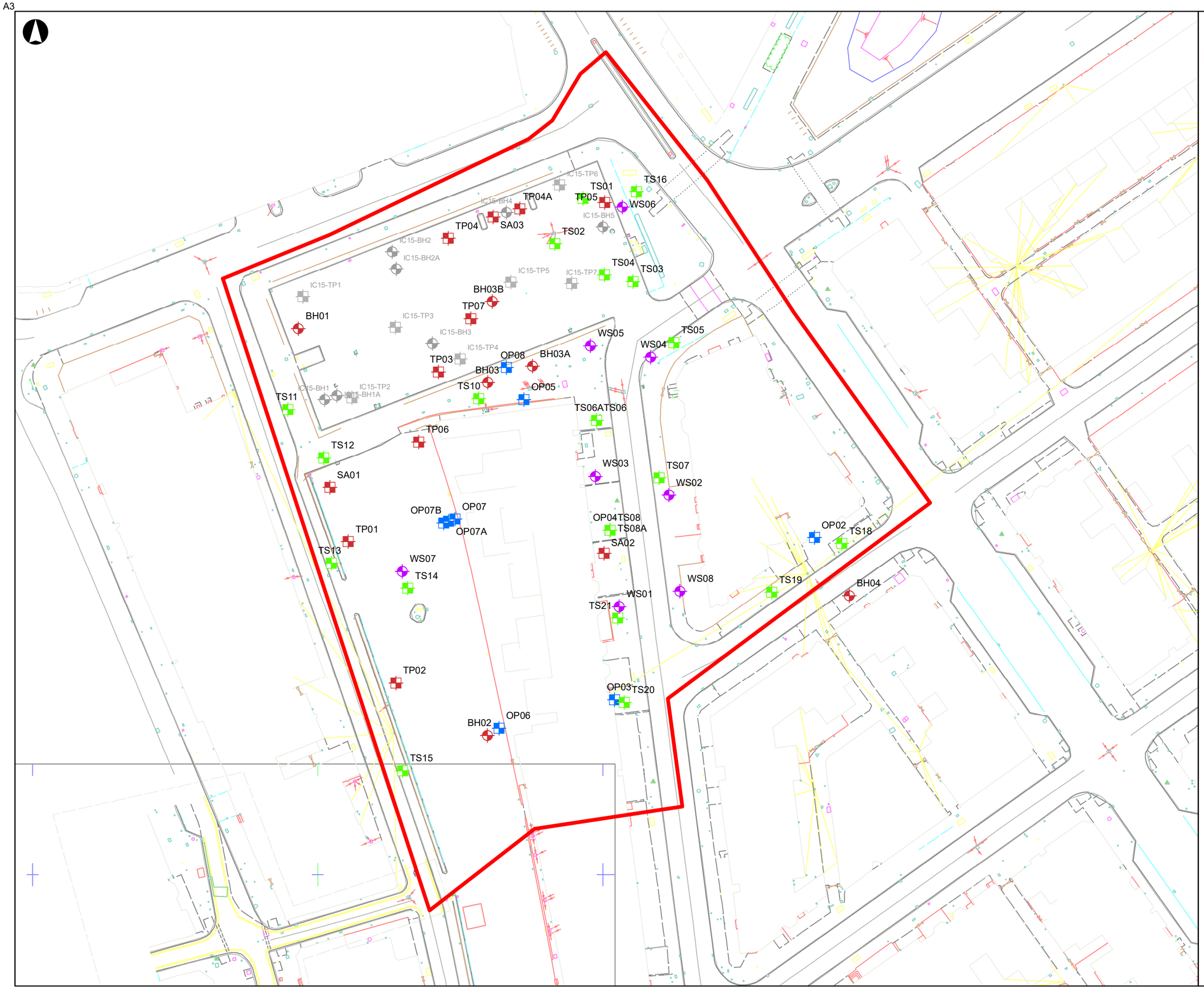
[11] BS 8485:2015+A1:2019, Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings

[12] BRE, 2005. Special Digest 1: Concrete in Aggressive Ground. Third Edition. BRE press

Appendix A

GI location plans, geological cross sections and geotechnical figures

A3



Key

- Red line boundary

AEG 2021 Ground Investigation

- Cable Percussive
- Observation Pit
- Trial PIt
- Trial Slot
- Window Sampler

Integra 2015 Ground Investigation

- Cable Percussive
- Trial Pit

Issue	Date	By	Chkd	Appd
P0	2021-07-06	SCG	SCG	SCG

Metres
0 5 10 20

ARUP

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Client
Muse Developments

Project Title
Blackpool King Street

Drawing Title
Borehole Location Plan

Scale at A3
1:600

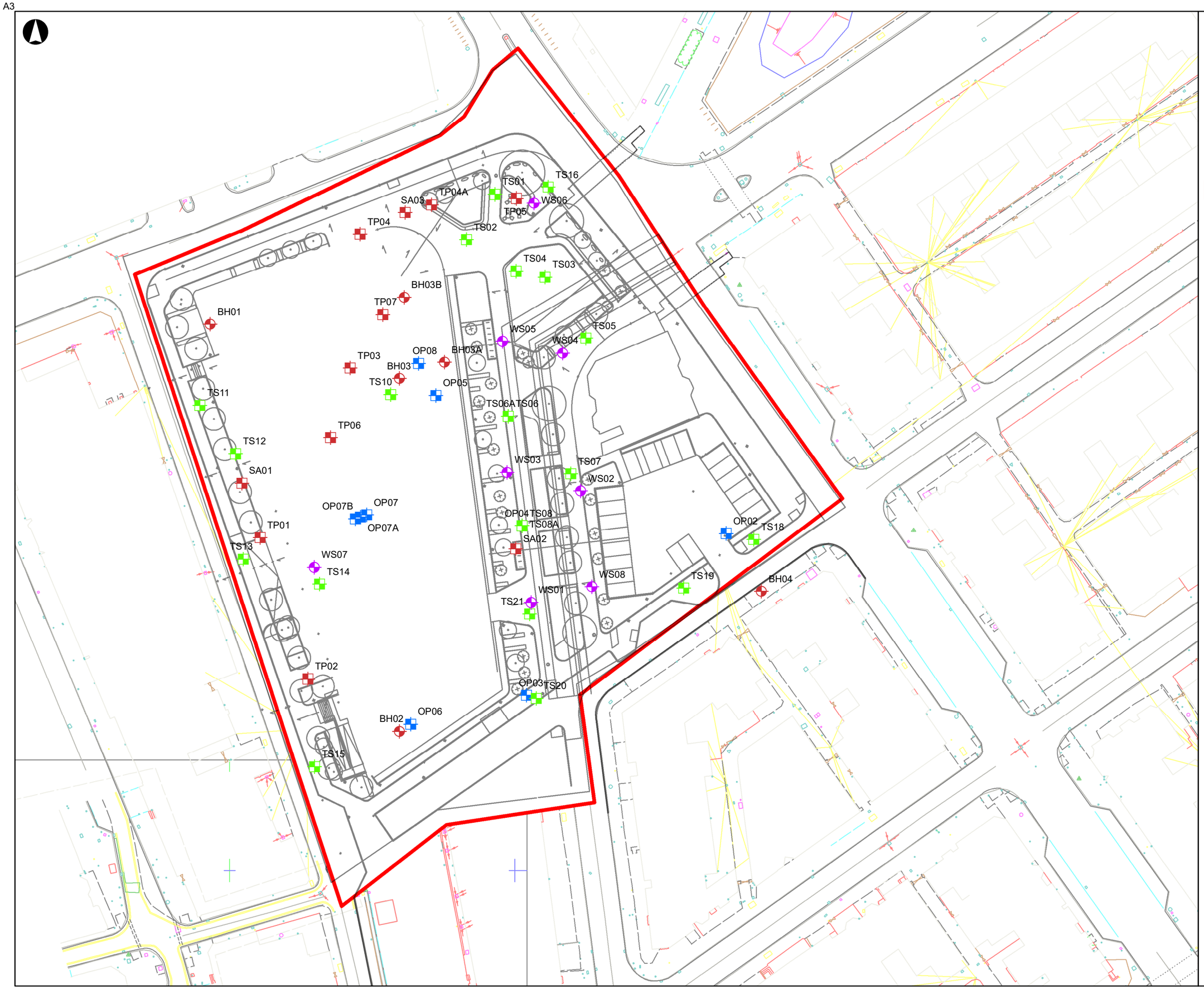
Arup Job No
278719-00

Suitability
Preliminary

Name
Appendix A1.1

Rev
P0

A3



Key

AEG Ground Investigation

- Cable Percussive
- Observation Pit
- Trial PIt
- Trial Slot
- Window Sampler
- Red line boundary

Issue	Date	By	Chkd	Appd
P0	2021-07-09	SCG	SCG	SCG

Metres
0 5 10 20

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Client
Muse Developments

Project Title
Blackpool King Street

Drawing Title
Proposed Development & Boreholes

Scale at A3
1:600

Arup Job No
278719-00

Suitability
Preliminary

Name
Appendix A1.2

Rev
P0

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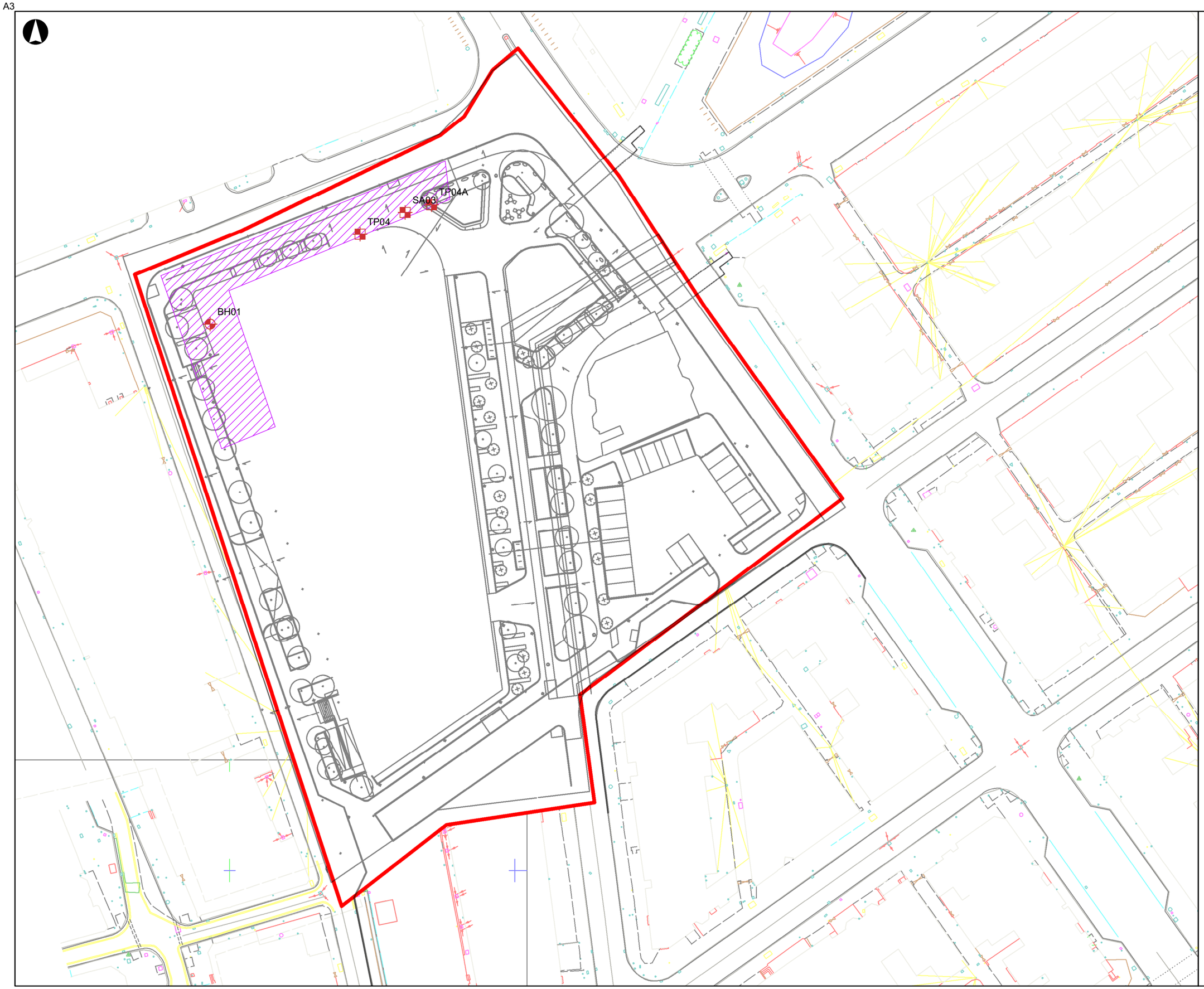
A3



Key

Exploratory Holes (Backfilled Basements)

- Cable Percussive
- Trial Pit
- Red line boundary
- Basement Extent

Issue	Date	By	Chkd	Appd
P0	2021-07-09	SCG	SCG	SCG

Metres
0 5 10 20

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Client
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Project Title
Blackpool King Street

Drawing Title
Proposed Development & Backfilled Basement

Scale at A3
1:600

Arup Job No
278719-00

Suitability
Preliminary

Name
Appendix A1.3

Rev
P0

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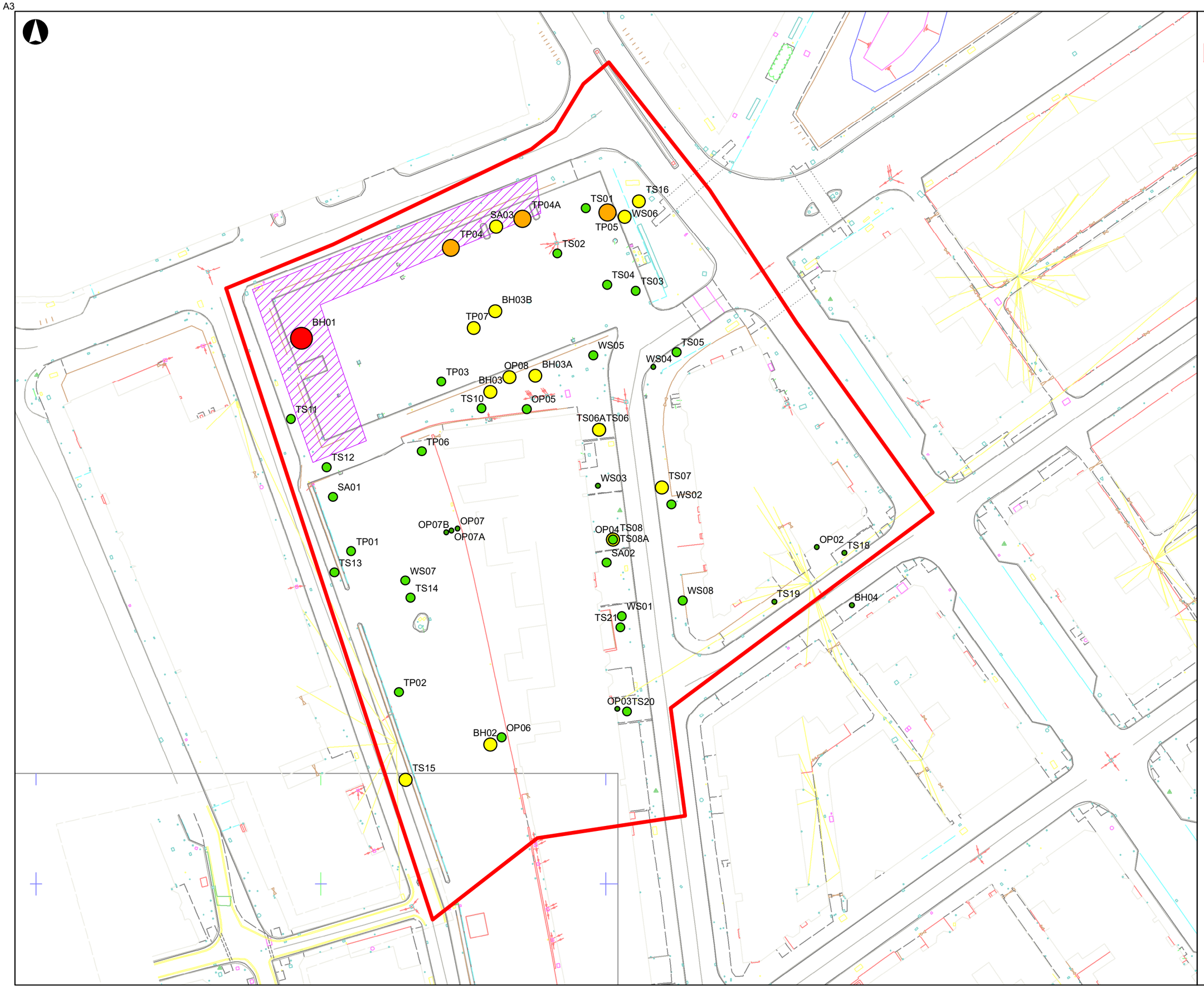

Key

- Red line boundary
- Basement Extent

Made ground thickness

- 0.10 - 0.36m
- 0.37 - 0.65m
- 0.66 - 1.10m
- 1.11 - 2.00m
- 2.01 - 3.70m

Issue	Date	By	Chkd	Appd
P0	2021-07-28	SCG	SCG	SCG

Metres
0 5 10 20

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Client
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Project Title
Blackpool King Street

Drawing Title
Made Ground Thickness

Scale at A3
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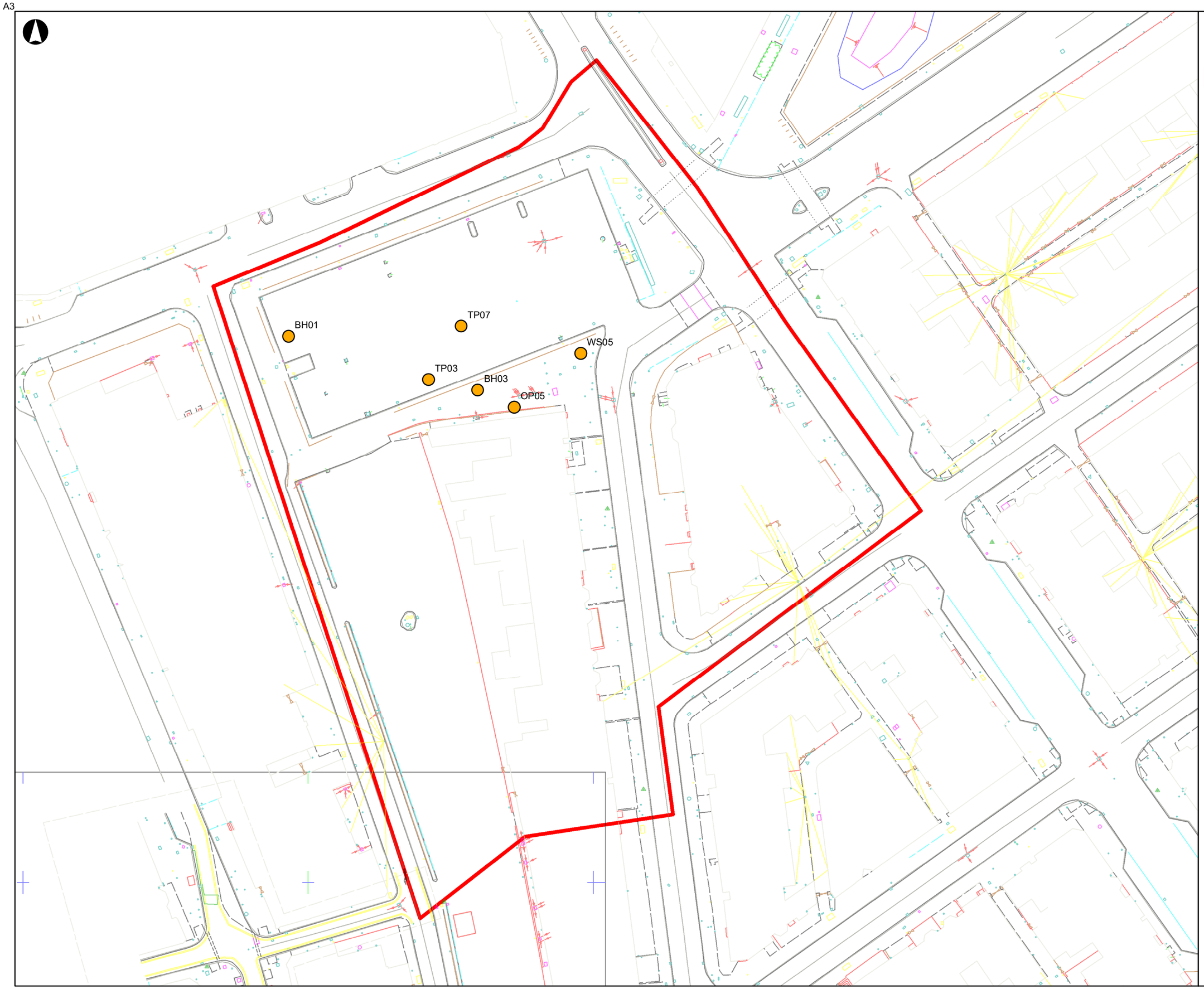
Arup Job No
278719-00

Suitability
Preliminary

Name
Appendix A1.4

Rev
P0

A3



Key

- Elevated TPH Sample Locations
- Red line boundary

Issue	Date	By	Chkd	Appd
P0	2021-07-28	SCG	SCG	SCG

Metres
0 5 10 20

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Client
Muse Developments

Project Title
Blackpool King Street

Drawing Title
Hazardous Waste Assessment

Scale at A3
1:600

Arup Job No
278719-00

Suitability
Preliminary

Name
Appendix A1.5

Rev
P0

Distance along baseline (m)

0 10 20 30 40 50 60 70 80 90 100

Elevation (mOD)

22 20 18 16 14 12 10 8 6 4 2 0 -2

BH01 (6.2)
TS12 (9.9)
TP06 (-6.7)
OP07 (-8.0)
WS07 (3.8)
TS14 (4.0)
BH02 (-0.2)

N1500* (50/ 10)
N1000* (50/ 15)
N600* (50/ 25)
N17 (3,3/ 3,3,5,6)
N17 (2,3/ 3,3,5,6)
N21 (3,3/ 5,5,5,6)
N20 (3,3/ 4,4,5,7)
N25 (3,4/ 5,6,7,7)
N88* (50/ 170)
N80* (50/ 250)
N94* (50/ 160)
N67* (50/ 225)
N68* (50/ 220)
SPIE

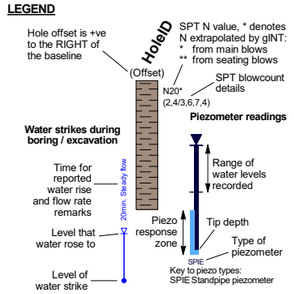
Made Ground
Made Ground (Backfilled Basements)
Possible extent of backfilled basements
Glacial Till
Granular Glacial Till
Granular Glacial Till
Granular Glacial Till
Granular Glacial Till

N16 (1,3/ 3,4,4,5)
N21 (2,3/ 5,5,5,6)
N19 (2,3/ 3,4,4,5)
(3,4/ 5,5,6,8)
SPIE

N10 (1,2/ 2,2,3,3)
N16 (2,3/ 3,4,4,5)
N17 (2,3/ 4,4,4,5)
N19 (3,3/ 4,4,5,6)
N29 (4,3/ 6,7,8,8)
N31 (3,5/ 7,7,8,9)
N59* (50/ 255)
N64* (50/ 225)
N52* (40/ 230)
N120* (50/ 125)
N188* (50/ 50)
SPIE

SCALE 1:150V 1:300H @ A3-L

LEGEND



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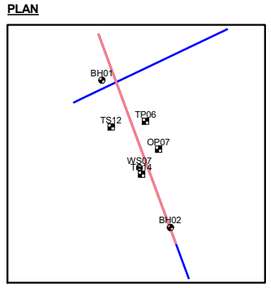


COLOUR LEGEND

- Cohesive made ground. [MG-COHESIVE]
- Granular made ground. [MG-GRANULAR]
- Subbase. [MG-SUB]
- Tarmacadam. [MG-TARMAC]
- Concrete obstruction. [MG-CONC]
- Basement backfill. [MG-FILL]
- Glacial till. [GTD-COHESIVE]
- Glacial till sand band. [GTD-GRANULAR]

MATERIALS

- Fill (MADE GROUND)
- Sandy gravelly CLAY
- Clayey gravelly SAND
- NO RECOVERY
- Clayey SAND

INTERPRETATION

- Inferred Ground Level
- Inferred Strata Boundary
- Inferred Groundwater Body

ARUP

Job Title
Blackpool King Street

Figure Title
Geological cross section
North - South Section

Job No
278729-00

Figure No
Appendix A2.1

Distance along baseline (m)

0 10 20 30 40 50 60 70 80 90 100

Elevation (mOD)

24 22 20 18 16 14 12 10 8 6 4 2 0 -2

TS11 (8.1)

BH01 (3.9)

N1500* (50/ 10)
N1000* (50/ 15)
N600* (50/ 25)
N17 (3,3/ 3,3,5,6)
N17 (2,3/ 3,3,5,6)
N21 (3,3/ 5,5,5,6)
N20 (3,3/ 4,4,5,7)
N25 (3,4/ 5,6,7,7)
N88* (50/ 170)
N60* (50/ 250)
N94* (50/ 160)
N67* (50/ 225)
N68* (50/ 220)
SPIE

Made Ground
(Backfilled Basements)

Possible extent of backfilled basements

TP07 (7.6)

TP04 (-6.9)

SA03 (-6.9)

TP04A (-6.1)

TS04 (10.8)

TS01 (-3.0)

TP05 (-0.7)

WS06 (1.4)

TS16 (0.0)

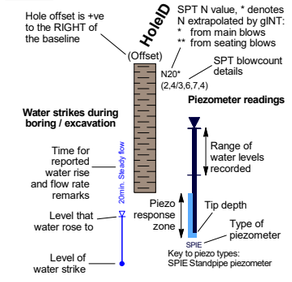
N14 (1,2/ 4,4)
N27 (3,4/ 7,8)
N21 (2,3/ 4,5,6,6)
N24 (4,4/ 5,6,6,7)
N23 (3,4/ 4,5,6,8)
SPIE

Made Ground

Glacial Till

SCALE 1:150V 1:300H @ A3-L

LEGEND



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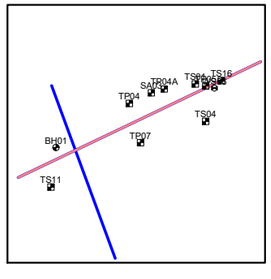

COLOUR LEGEND

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- Granular made ground. [MG-GRANULAR]
- Subbase. [MG-SUB]
- Tarmacadam. [MG-TARMAC]
- Concrete paving slabs. [MG-PAV]
- Concrete obstruction. [MG-CONC]
- Basement backfill. [MG-FILL]
- Glacial till. [GTD-COHESIVE]

MATERIALS

- Fill (MADE GROUND)
- Sandy gravelly CLAY

INTERPRETATION

- Inferred Ground Level
- Inferred Strata Boundary
- Inferred Groundwater Body

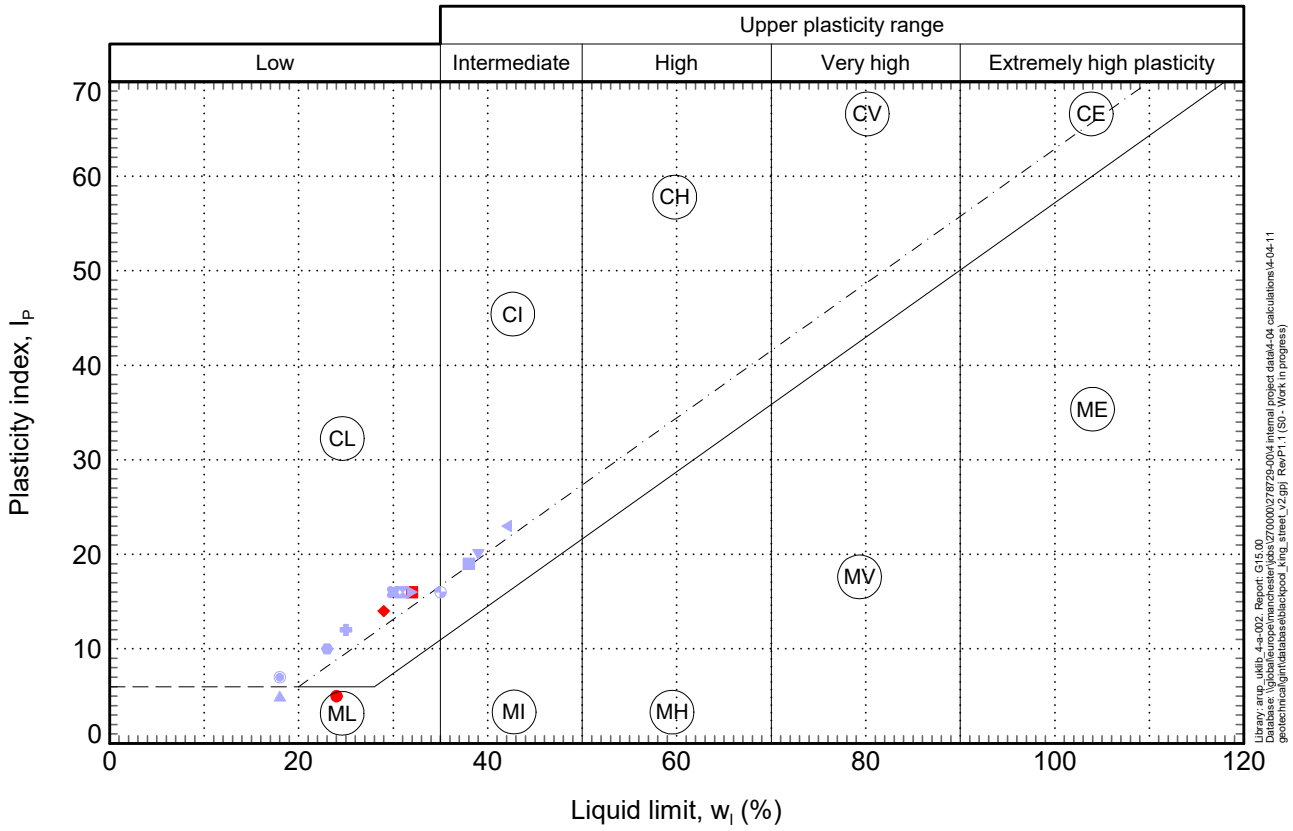
ARUP

Job Title
Blackpool King Street

Figure Title
Geological cross section
West - East Section

Job No
278729-00

Figure No
Appendix A2.2



- Cohesive made ground. (MG-COHESIVE)
- Granular made ground. (MG-GRANULAR)
- Basement backfill. (MG-FILL)
- Glacial till. (GTD-COHESIVE)
- BH01, 22.4mOD
- BH01, 15.4mOD
- BH01, 9.9mOD
- BH02, 21.2mOD
- BH02, 19.2mOD
- BH02, 17.2mOD
- BH02, 5.7mOD
- BH03, 23.2mOD
- BH03B, 23.3mOD
- BH03B, 19.6mOD
- BH03B, 11.1mOD
- BH04, -0.7mOD
- TP02, 22.8mOD
- TS06A, 23.4mOD

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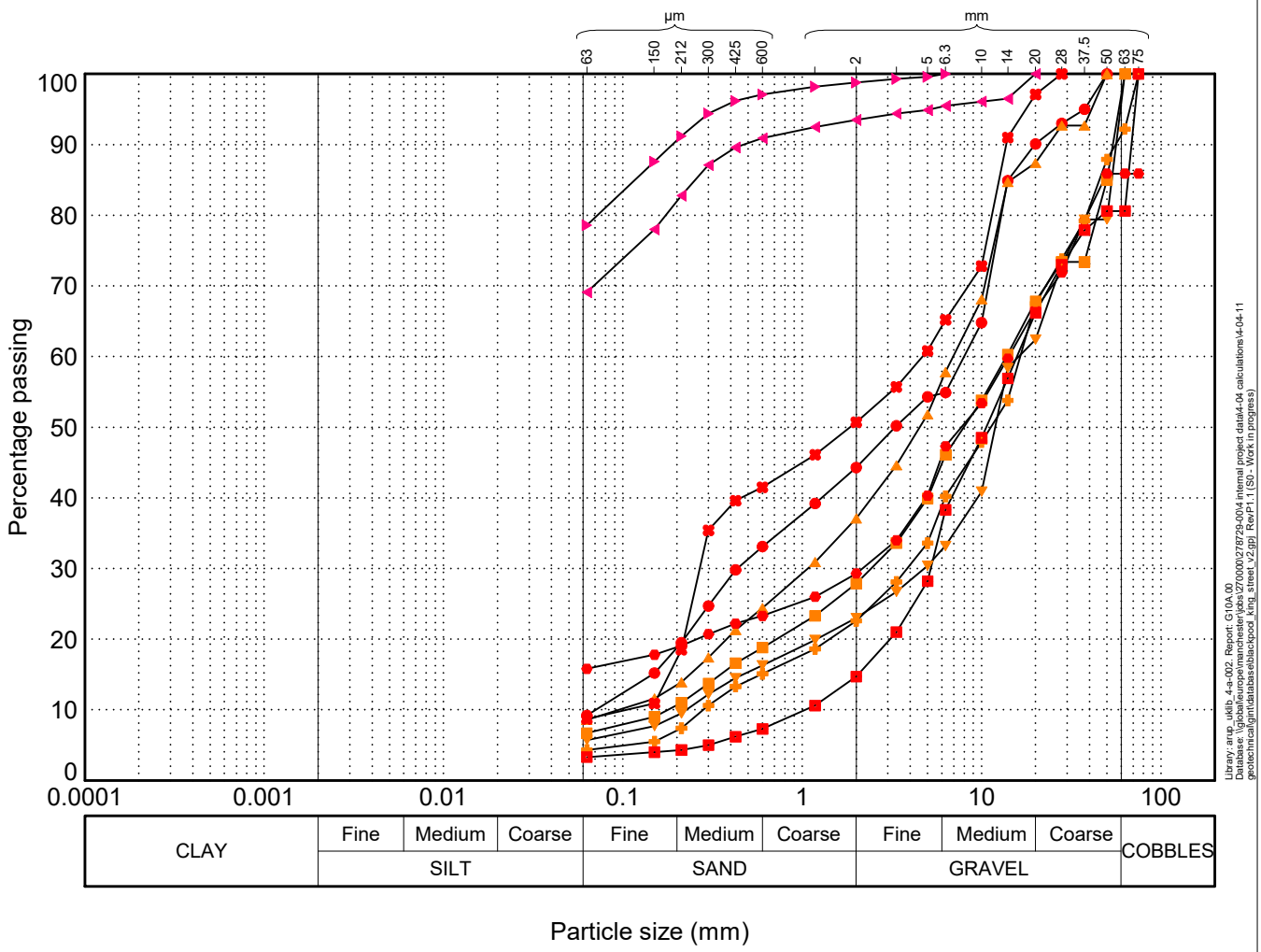
Job Title
Blackpool King Street

Figure Title
Plasticity chart

Job No
278729-00

Figure No
Appendix A3.1



- Cohesive made ground. (MG-COHESIVE)
- Granular made ground. (MG-GRANULAR)
- Subbase. (MG-SUB)
- Concrete paving slabs. (MG-PAV)
- Basement backfill. (MG-FILL)
- BH01, 23.0mOD
- BH01, 21.4mOD
- BH01, 20.4mOD
- BH04, 23.6mOD
- OP08, 23.6mOD
- TP04, 23.2mOD
- TP04A, 23.2mOD
- TP07, 23.5mOD
- TS06A, 23.3mOD
- TS08A, 23.5mOD

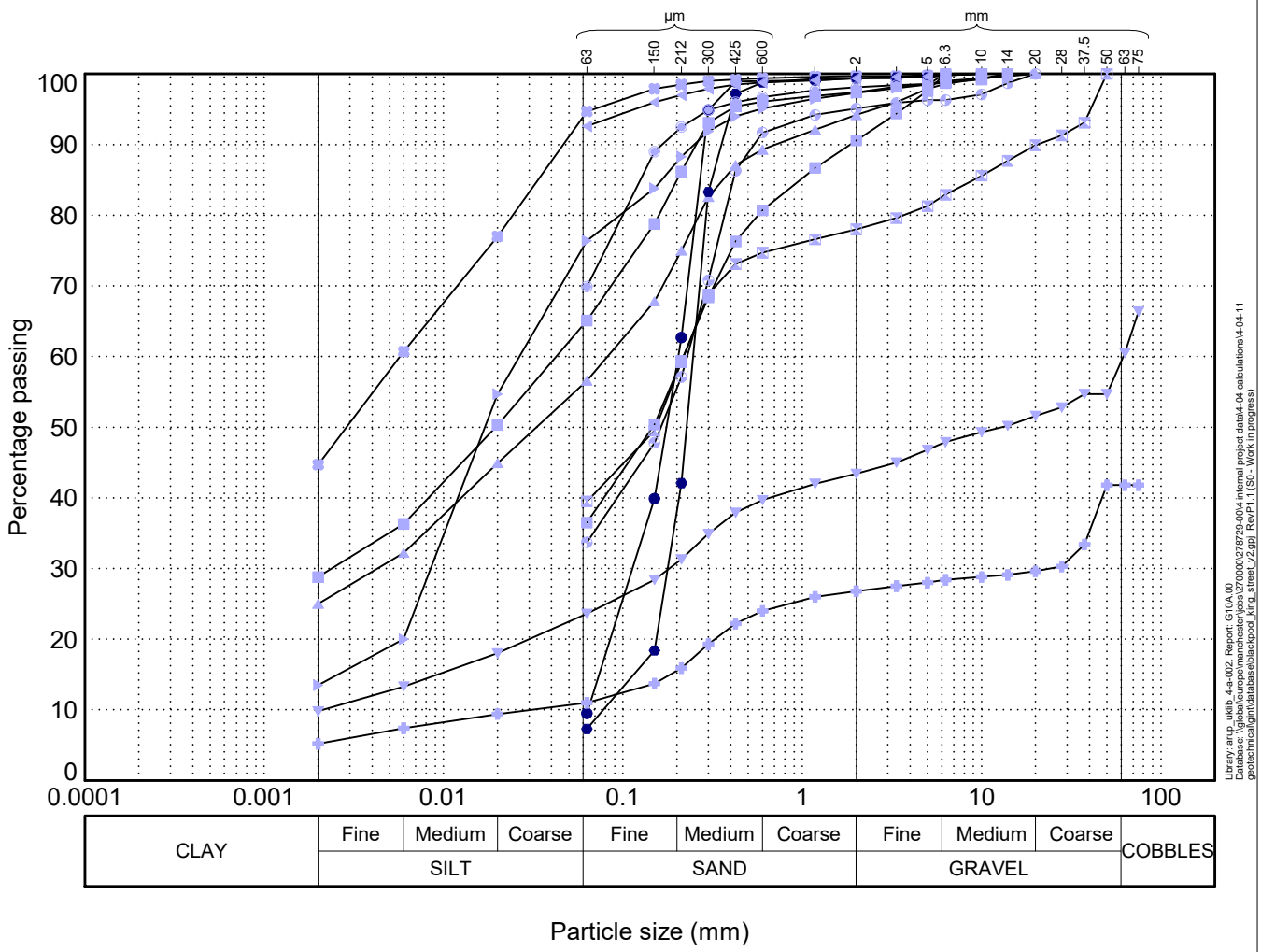
ARUP

Job Title
Blackpool King Street

Figure Title
Particle size distribution
Made Ground

Job No
278729-00

Figure No
Appendix A3.2



- Glacial till. (GTD-COHESIVE)
- Glacial till sand band. (GTD-GRANULAR)
- BH02, 22.9mOD
- BH02, 21.2mOD
- BH02, 19.2mOD
- BH02, 17.2mOD
- BH02, 12.7mOD
- BH02, 5.7mOD
- BH02, 1.2mOD
- BH03B, 23.3mOD
- BH03B, 19.6mOD
- BH04, 23.3mOD
- TP01, 22.6mOD
- TS19, 23.6mOD
- TS20, 23.3mOD

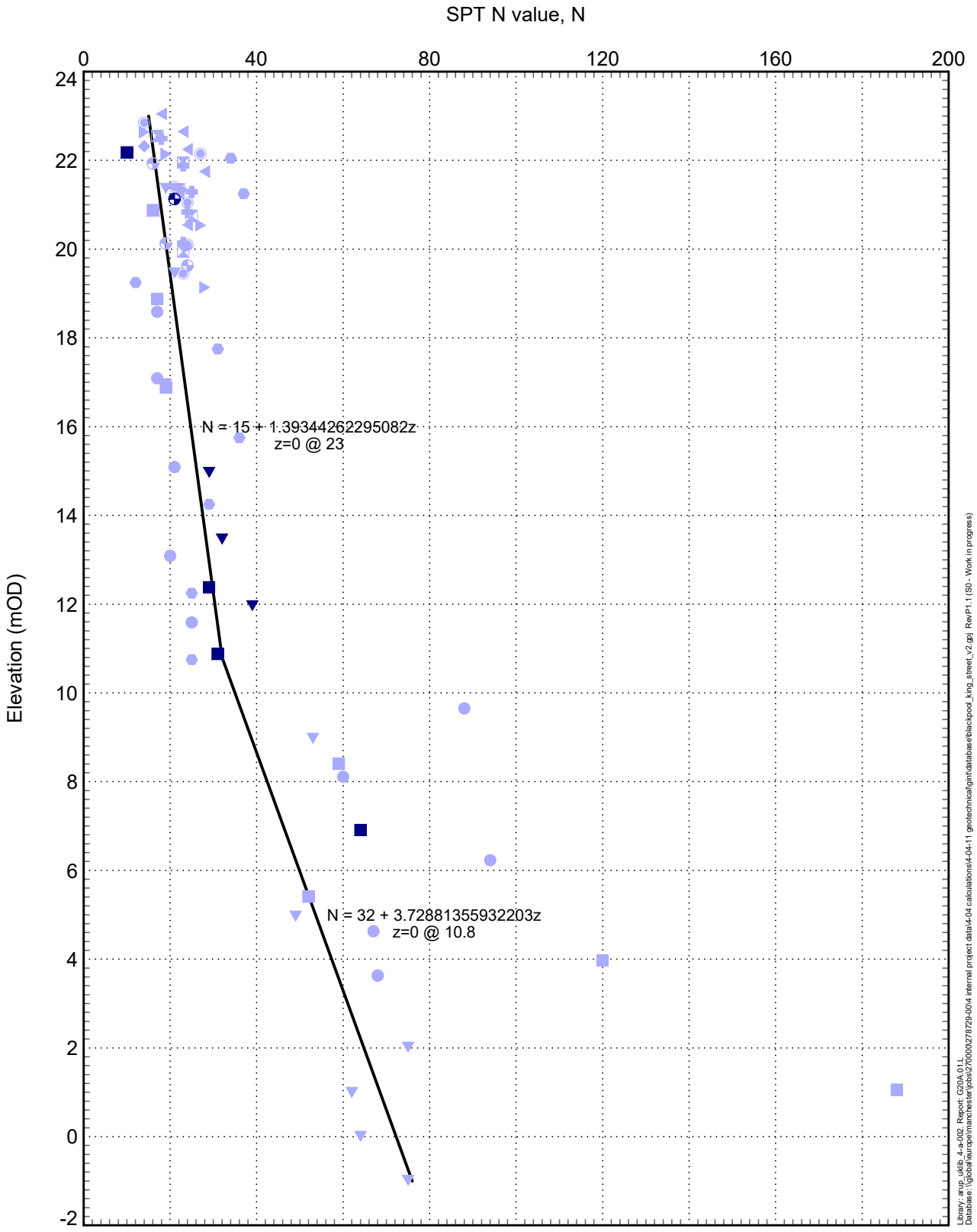
ARUP

Job Title
Blackpool King Street

Figure Title
Particle size distribution
Glacial Till

Job No
278729-00

Figure No
Appendix A3.3



- Glacial till. (GTD-COHESIVE)
- Glacial till sand band. (GTD-GRANULAR)
- BH01
- BH02
- BH03B
- BH04
- WS01
- WS03
- WS04
- WS05
- WS06
- WS07
- WS08

ARUP

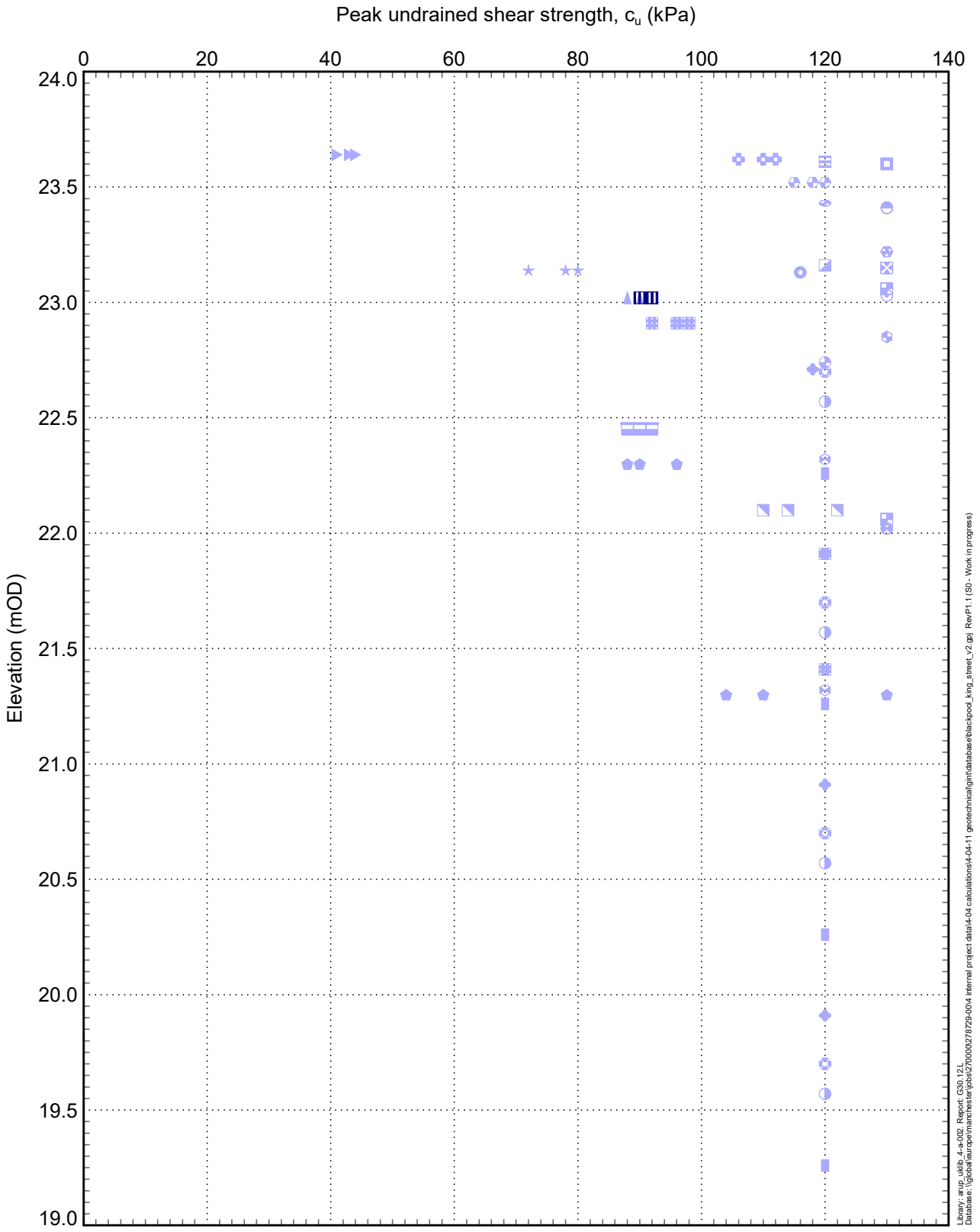
Job Title
Blackpool King Street

Figure Title
Standard penetration tests
Glacial Till

Job No
278729-00

Figure No
Appendix A3.4

ARUP, gINT v10.00.01.07. Made by Sam Cook-G on 27-Jul-21



- Glacial till. (GTD-COHESIVE)
- WS04
- OP02
- OP03
- OP04
- OP06
- OP07
- SA01
- SA02
- SA03
- TP01
- TP02
- TP03
- TP05
- TP06
- TP07
- TS02
- TS05
- TS06
- TS08
- TS08A
- TS10
- TS11
- TS12
- TS13
- TS16
- TS18
- TS19
- TS21

ARUP

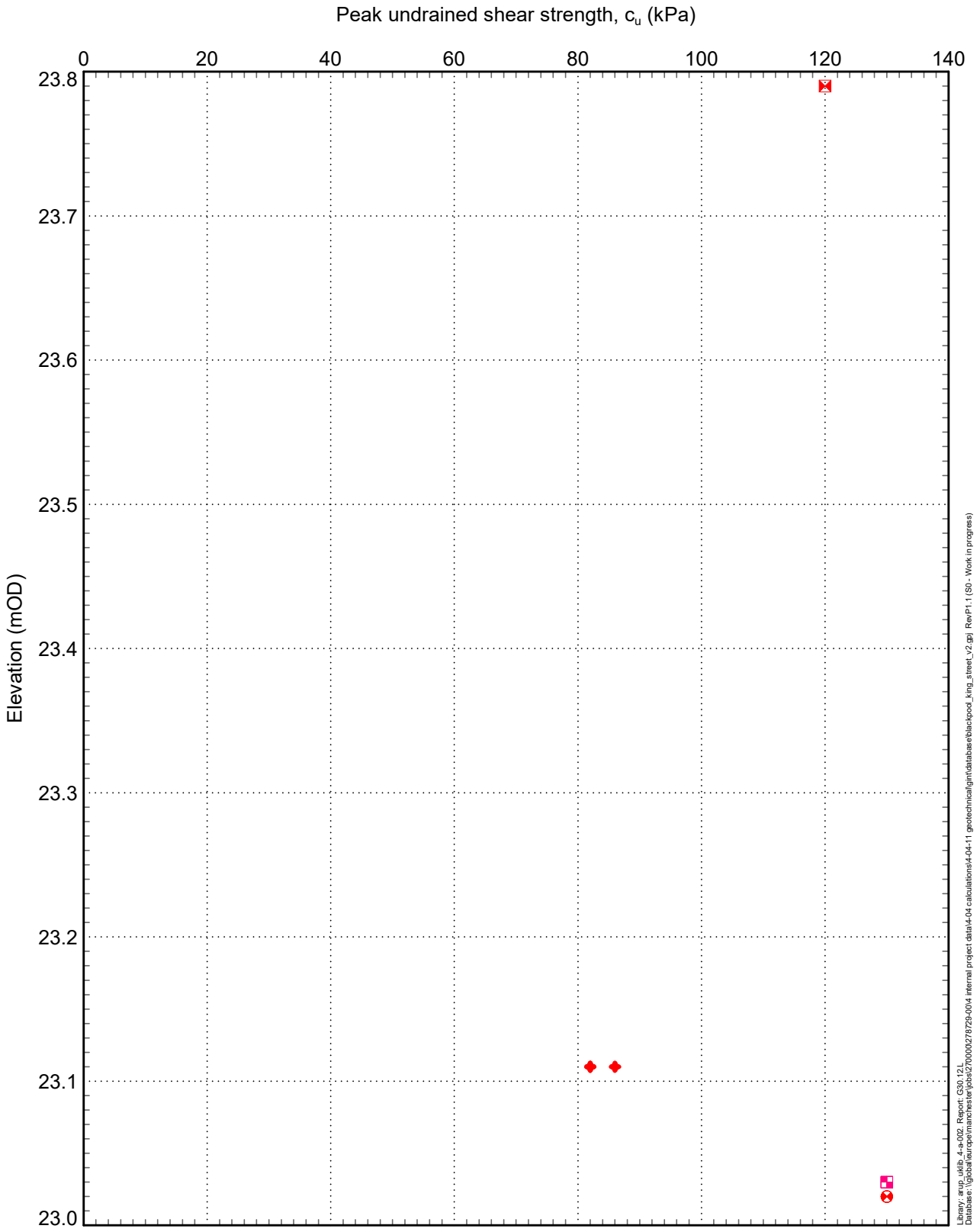
Job Title
Blackpool King Street

Figure Title
Undrained shear strength from hand vane
Glacial Till

Job No
278729-00

Figure No
Appendix A3.5

ARUP, gINT v10.00.01.07. Made by Sam Cook-G on 27-Jul-21



- Granular made ground. (MG-GRANULAR)
- Concrete obstruction. (MG-CONC)
- SA03
- TP07
- TS01
- TS06A

ARUP

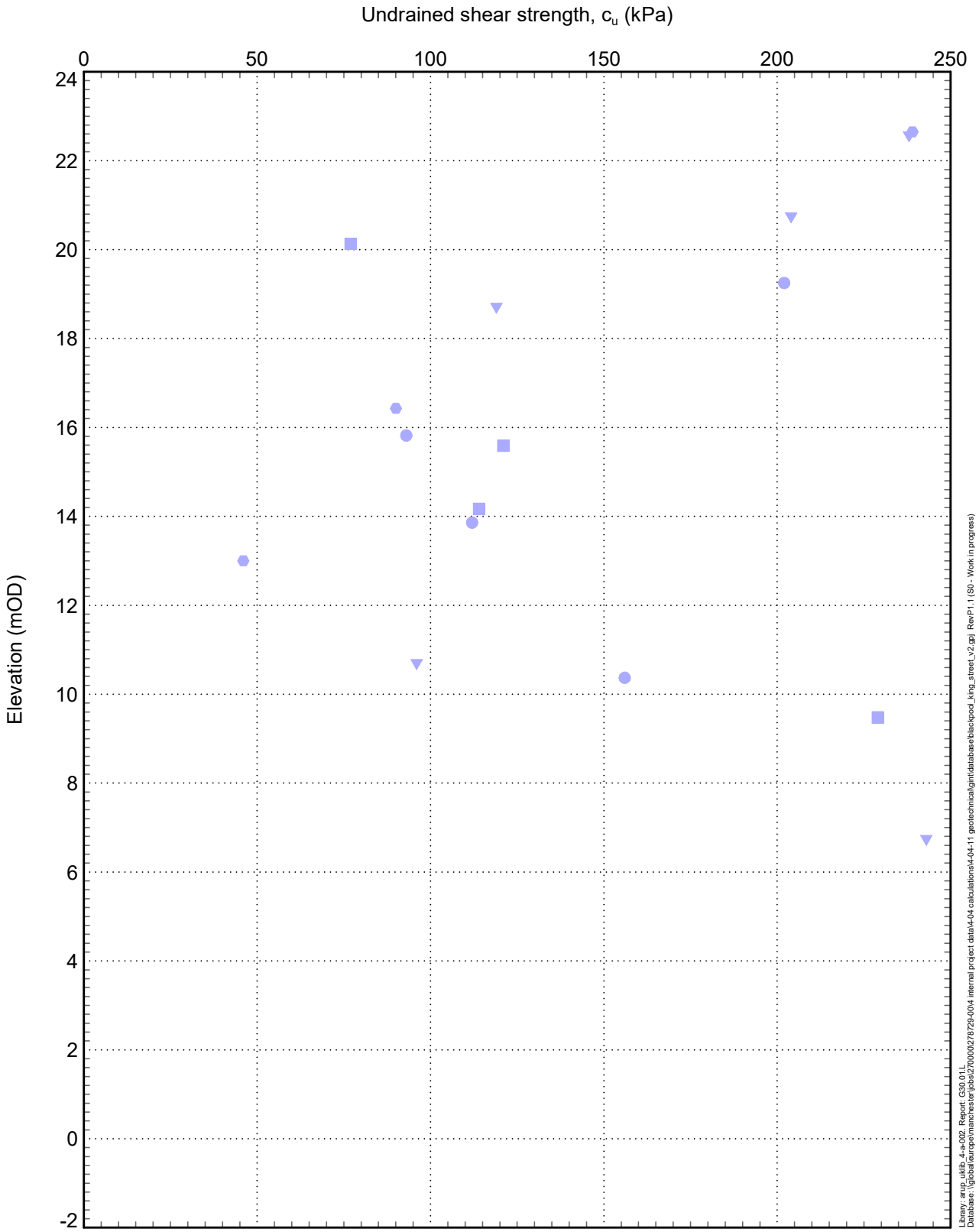
Job Title
Blackpool King Street

Figure Title
Undrained shear strength from hand vane
Made Ground (Cohesive)

Job No
278729-00

Figure No
Appendix A3.6

ARUP, gINT v10.00.01.07. Made by Sam Cook-G on 27-Jul-21



- Glacial till. (GTD-COHESIVE)
- BH01
- BH02
- BH03B
- BH04

ARUP

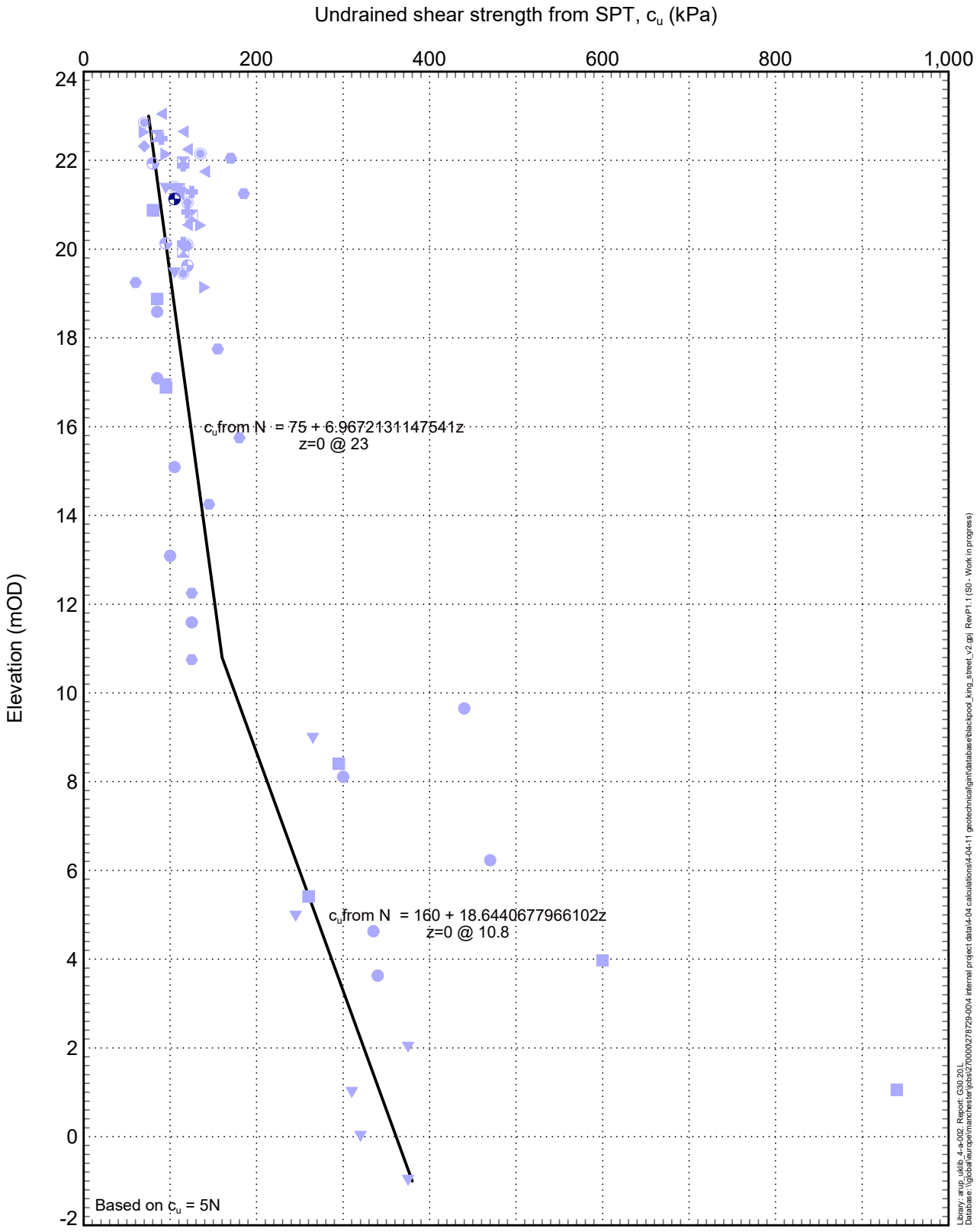
Job Title
Blackpool King Street

Figure Title
Triaxial undrained shear strength
Glacial Till (Cohesive)

Job No
278729-00

Figure No
Appendix A3.7

ARUP, gINT v10.00.01.07. Made by Sam Cook-G on 27-Jul-21



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Database: \\global\europe\manchester\jobs\270000\278729-00\4 internal project data\4-04 calculations\4-04-11 geotechnical\gint\database\blackpool_king_street_v2.gpj Rev:P1.1 (S0 - Work in progress)

- Glacial till. (GTD-COHESIVE)
- BH01
- BH02
- BH03B
- BH04
- WS01
- WS03
- WS04
- WS05
- WS06
- WS07
- WS08

ARUP

Job Title
Blackpool King Street

Figure Title
Undrained shear strength from SPT
Glacial Till (Cohesive)

Job No
278729-00

Figure No
Appendix A3.8

ARUP. gINT v10.00.01.07. Made by Sam Cook-G on 27-Jul-21

Appendix B

Geoenvironmental screening assessment

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH01	BH01	BH01	SA03	TP04A	BH03B	OP03	OP04	OP05	OP06	TP01	TP01	TP01	TP02
										Sample Ref	1	4	12	5	6	4	2	3	2	2	2	4	7	7
										Easting	330996.61	330996.61	330996.61	331030.81	331035.46	331030.65	331052.1	331051.34	331036.21	331031.8	331005.37	331005.37	331005.37	331013.73
										Northing	436445.82	436445.82	436445.82	436465.42	436466.79	436450.54	436380.69	436410.46	436433.35	436375.69	436408.39	436408.39	436408.39	436383.6
										Hole Elevation (mOD)	23.39	23.39	23.39	24.02	24.16	24.05	24.02	24.02	24.06	23.73	23.32	23.32	23.32	23.26
										Sample Depth (mbgl)	0.4	1	3	0.5	2	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.8	0.45
										Sample Date	12/05/21	12/05/21	12/05/21	25/05/21	24/05/21	19/05/21	19/05/21	19/05/21	19/05/21	18/05/21	17/05/21	17/05/21	17/05/21	18/05/21
										Investigation	BASEMENT	BASEMENT	BASEMENT	BASEMENT	BASEMENT									
										Geology	MG-TARMAC	MG-FILL	MG-FILL	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	MG-SUB	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE
Metal																								
Antimony	7350	AGAC	mg/kg	23 of 35	0	<1	9.7		0		1.7	1.3	2.6	4.9	6.5	<1	1.2	1.1	<1	1.7	1.6	<1	1.2	<1
Arsenic	635	AGAC	mg/kg	35 of 35	0	1.9	49		0		4.6	4.8	3.5	9.2	11	3.9	8.6	8.5	1.9	8.6	16	8	11	6.3
Beryllium	11.7	AGAC	mg/kg	31 of 35	0	<0.2	4		0		0.3	0.2	0.2	1.4	0.9	1.5	1	0.9	<0.2	<0.2	0.3	<0.2	0.5	0.4
Cadmium	190	AGAC/S4UI	mg/kg	27 of 35	0	<0.1	1.9		0		0.2	0.2	0.1	0.4	0.3	0.2	<0.1	<0.1	<0.1	0.3	0.2	0.2	<0.1	<0.1
Chromium	8570	AGAC (Cr III	mg/kg	35 of 35	0	7.1	36		0		9.9	11	13	22	18	10	33	25	10	11	11	8.7	22	17
Chromium - Hexavalent	33	AGAC/S4UI	mg/kg	0 of 19	0	<1	<1		0		<1	<1	<1							<1	<1	<1	<1	<1
Copper	68300	AGAC	mg/kg	35 of 35	0	11	290		0		24	24	13	69	58	30	21	18	11	27	75	30	19	16
Lead	2300	C4SL	mg/kg	35 of 35	0	9.4	440		0		37	36	47	60	89	25	34	30	9.6	66	53	66	45	47
Mercury	1100	UL (inorgar	mg/kg	15 of 35	0	<0.05	0.46		0		<0.05	<0.05	<0.05	<0.05	<0.05	0.07	0.05	<0.05	<0.05	0.07	<0.05	0.07	0.08	0.19
Nickel	983	AGAC	mg/kg	35 of 35	0	7.4	63		0		11	9.8	8.8	29	23	14	37	34	11	7.4	12	8.4	21	15
Selenium	12261	AGAC	mg/kg	0 of 35	0	<0.5	<0.5		0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	9000	IL (pentaval	mg/kg	35 of 35	0	11	71		0		19	16	18	56	38	21	35	27	16	11	19	14	28	23
Zinc	730000	AGAC/S4UI	mg/kg	35 of 35	0	17	820		0		43	35	30	66	95	70	45	41	17	72	31	45	43	37
Inorganic																								
pH			pH Units	35 of 35	0	7.5	11.2		0		11	10.6	11.2	10	9.4	10.8	8.2	7.9	10.2	9.3	9	8.7	8.1	7.5
Cyanide	168	AC (free, ac	mg/kg	9 of 35	0	<0.1	0.5		0		<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.2	<0.1	0.5	0.1	<0.1	0.1	0.1
Boron	236000	AGAC	mg/kg	18 of 35	0	<0.2	2.4		0		0.7	<0.2	0.7	1	2.1	0.7	0.4	0.3	0.3	<0.2	<0.2	<0.2	<0.2	0.2
Total Organic Carbon			%	27 of 35	0	<0.5	34		0		3.2	3.3	0.9	4	4.1	5.6	0.6	<0.5	5.8	4	2	5.4	1.1	1.2
Redox Potential			mV	2 of 26	0	130	160		0															
Conductivity- Electrical 20deg			uS/cm	2 of 2	0	250	280		0															
Asbestos																								
Asbestos (Presence of)			---	0 of 34	0	-	-		0		NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD		NAD
Asbestos Analysts Comments			---	0 of 34	0	-	-		0		na	na	na	na	na	na	na	na	na	na	na	na		na
Phenol and mineral oils																								
Phenol	1300	- (direct cor	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Phenol (Monohydric)	1300	- (direct cor	mg/kg	2 of 35	0	<0.3	1		0		<0.3	<0.3	<0.3	0.6	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
TPH																								
Aliphatics >C10-12	47300	AGAC	mg/kg	0 of 26	0	<1.5	<1.5	283.0	0		<1.5	<1.5	<1.5	<1.5		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Aliphatics >C12-16	90200	AGAC	mg/kg	3 of 26	0	<1.2	18	142.0	0		<1.2	<1.2	<1.2	3.7		12	<1.2	<1.2	18	<1.2	<1.2	<1.2	<1.2	<1.2
Aliphatics >C16-21	14300000.C	(Ali >C16	mg/kg	7 of 26	0	<1.5	100	50.90	2		<1.5	3.1	<1.5	16		77	<1.5	<1.5	100	<1.5	2.2	<1.5	<1.5	<1.5
Aliphatics >C21-35	14300000.C	(Ali >C16	mg/kg	8 of 26	0	<3.4	1100	50.90	7		41	130	<3.4	260		1100	<3.4	<3.4	1100	<3.4	150	<3.4	<3.4	<3.4
Aliphatics >C35-44	14300000.C	(Ali >C16	mg/kg	9 of 26	0	<3.4	790	50.90	8		17	76	<3.4	130		750	<3.4	<3.4	300	<3.4	55	<3.4	<3.4	<3.4
Aliphatics >C5-6	12100	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	1150.0	0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C6-8	39600	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	736.0	0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C8-10	11300	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	451.0	0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C10-44			mg/kg	9 of 26	0	<10	2900		0		53	190	<10	370		1800	<10	<10	1400	<10	180	<10	<10	<10
Aromatics >C10-12	34200	AGAC	mg/kg	2 of 26	0	<0.9	9.7	2150.0	0		<0.9	<0.9	<0.9	<0.9		2.5	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aromatics >C12-16	37800	AGAC	mg/kg	6 of 26	0	<0.5	24		0		<0.5	<0.5	<0.5	9.6		18	<0.5	<0.5	12	<0.5	1.2	<0.5	<0.5	<0.5
Aromatics >C16-21	28100	AGAC	mg/kg	8 of 26	0	<0.6	150		0		4.7	20	<0.6	32		150	<0.6	<0.6	120	<0.6	22	<0.6	<0.6	<0.6
Aromatics >C21-35	28400	AGAC	mg/kg	8 of 26	0	<1.4	2200		0		110	340	<1.4	370		2200	<1.4	<1.4	1600	<1.4	450	<1.4	<1.4	<1.4
Aromatics >C35-44	28400	AGAC	mg/kg	9 of 26	0	<1.4	2000		0		70	270	<1.4	200		1400	<1.4	<1.4	910	<1.4	290	<1.4	<1.4	<1.4
Aromatics >C5-7			mg/kg	0 of 26	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C7-8	183681	AC (toluer	mg/kg	0 of 26	0	<0.01	<0.01	4360.0	0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C8-10	17000	AGAC/S4UI	mg/kg	0 of 26	0	<0.01	<0.01	3580.0	0		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aromatics >C10-44			mg/kg	9 of 26	0	<10	6200		0		170	580	<10	450		3600	<10	<10	2500	<10	680	<10	<10	<10
Total Aliphatics and Aromatics C10-C44			mg/kg	9 of 26	0	<10	9100		0		230	770	<10	820		5400	<10	<10	3900	<10	860	<10	<10	<10
TPH C11-20			mg/kg	0 of 1	0	<10	<10		0															
EPH >C10-40			mg/kg	10 of 22	0	<10	4500		0					1200	<10	4500		<10		<10	700	220	<10	<10
EPH/TPH >C20-40			mg/kg	0 of 2	0	<10	<10		0															
EPH (C11-C20)			mg/kg	0 of 1	0	<10	<10		0															
PAH																								
Acenaphthene	104000	AGAC	mg/kg	9 of 30	0	<0.03	6.1		0		0.15	0.09	<0.03	0.35	<0.03	0.08		<0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Dibenz-a-h-anthracene	3.57	AGAC/S4UI	mg/kg	9 of 31	0	<0.03	0.6		0		0.14	0.11	<0.03	0.1	<0.03	0.1		<0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Fluoranthene	22700	AGAC	mg/kg	20 of 31	0	<0.03	25		0		2.8	2	0.1	2.4	0.15	2.1		<0.03		0.17	0.22	0.08	<0.03	<0.03
Fluorene	70800	AGAC	mg/kg	9 of 31	0	<0.03	3.7		0		0.14	0.09	<0.03	0.2	<0.03	0.08		<0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	509	AGAC	mg/kg	15 of 31	0	<0.03	1.7		0		0.63	0.49	0.03	0.36	0.1	0.39		<0.03		<0.03	0.08	<0.03	<0.03	<0.03
Phenanthrene	22500	AGAC	mg/kg	18 of 31	0	<0.03	18		0		1.3	0.83	0.07	1.6	0.06	0.53		<0.03		0.09	0.03	<0.03	<0.03	<0.03
Pyrene	54500	AGAC	mg/kg	20 of 31	0	<0.03	22		0		2.8	2	0.11	2.2	0.19	2.3		<0.03		0.16	0.25	0.09	<0.03	<0.03
Napthalene	1090	AGAC	mg/kg	4 of 31	0	<0.01	2.9	432.0	0		<0.01	<0.01	<0.01	0.05	<0.03	0.06		<0.03		<0.01	<0.01	<0.01	<0.01	<0.01
Pah,Total			mg/kg	21 of 31	0	<0.03	120		0		17	13	0.54	12	1.2	12		<0.1		0.61	1.3	0.3	<0.1	<0.1
Acenaphthylene	104000	AGAC	mg/kg	3 of 31	0	<0.03	0.86		0		0.03	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	542000	AGAC	mg/kg	10 of 31	0	<0.03	4.7		0		0.35	0.22	<0.03	0.39	<0.03	0.2		<0.03		<0.03	<0.03	<0.03	<0.03	<0.03
Benzo(a)anthracene	176	AGAC	mg/kg	19 of 31	0	<0.03	9.9		0		1.6	1.3	0.05	0.84	0.11	1.3		<0.03		0.05	0.1	0.03	<0.03	<0.03
Benzo (g,h,i) perylene	3960	AGAC	mg/kg	16 of 31	0	<0.03	1.7		0		0.91	0.72	0.03	0.47	0.11	0.61		<0.03		<0.03	0.11	0.03	<0.03	<0.03
Benzo(a)pyrene	35.7	AGAC/S4UI	mg/kg	18 of 31	0	<0.03	6.4		0		2	1.8	0.05	0.73	0.13	1.6		<0.03		0.03	0.15	0.04	<0.03	<0.03
Benzo(b)fluoranthene	44.9	AGAC/S4UI	mg/kg	20 of 31	0	<0.03	11		0		2.3	1.9	0.06	1	0.19	1.4		<0.03		0.06	0.22	0.06	<0.03	<0.03
Benzo(k)fluoranthene	1190	AGAC	mg/kg	14 of 31	0	<0.03	8.2		0		0.94	0.63	<0.03	0.37	0.09	0.64		<0.03		<0.03	0.09	<0.03	<0.03	<0.03
Chrysene	355	AGAC	mg/kg	17 of 31	0	<0.03	7.2		0		0.91	0.7	0.05	0.66	0.1	0.57		<0.03		0.05	0.08	<0.03	<0.03	<0.03
BTEX																								
Benzene	90.17829	AGAC/S4UI	mg/kg	0 of 31	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	183681	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	27424	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	2840.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	33027	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2620.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Xylene	29969	AC (p-xyle	mg/kg	0 of 30	0	<0.01	<0.01	3170.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	29969	AC (p-xyle	mg/kg	0 of 19	0	<0.01	<0.01	3170.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
PCBs																								
PCB 28 + PCB 31			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-101 2,2,4,5,5 - Pentachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-118 2,3,4,4,5 - Pentachlorobiphenyl	0.000171	n backgrou	mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-138 2,2,3,4,4,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-153 2,2,4,4,5,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-180 2,2,3,4,4,5,5 - Heptachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB-52 2,2,5,5 - Tetrachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01	<0.01	<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
PCB, Total Of 7 Congeners			mg/kg	0 of 22	0	<0.01	<0.01		0					<0.01		<0.01		<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
VOCs/SVOCs																								
1,1,1,2-Tetrachloroethane	559	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,1,1-Trichloroethane	2950	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH01	BH01	BH01	SA03	TP04A	BH03B	OP03	OP04	OP05	OP06	TP01	TP01	TP01	TP02
										Sample Ref	1	4	12	5	6	4	2	3	2	2	2	4	7	7
										Easting	330996.61	330996.61	330996.61	331030.81	331035.46	331030.65	331052.1	331051.34	331036.21	331031.8	331005.37	331005.37	331005.37	331013.73
										Northing	436445.82	436445.82	436445.82	436465.42	436466.79	436450.54	436380.69	436410.46	436433.35	436375.69	436408.39	436408.39	436408.39	436383.6
										Hole Elevation (mOD)	23.39	23.39	23.39	24.02	24.16	24.05	24.02	24.02	24.06	23.73	23.32	23.32	23.32	23.26
										Sample Depth (mbgl)	0.4	1	3	0.5	2	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.8	0.45
										Sample Date	12/05/21	12/05/21	12/05/21	25/05/21	24/05/21	19/05/21	19/05/21	19/05/21	19/05/21	18/05/21	17/05/21	17/05/21	17/05/21	18/05/21
										Investigation	BASEMENT	BASEMENT	BASEMENT	BASEMENT	BASEMENT									
										Geology	MG-TARMAC	MG-FILL	MG-FILL	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	MG-SUB	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE
1,1,2-Trichloroethane	382	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	803	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethene	86.7	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3 Trichlorobenzene	589	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2,3-Trichloropropane			mg/kg	0 of 19	0	<0.01	0.05		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trichlorobenzene	1260	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2,4-Trimethylbenzene	208	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromo-3-Chloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dibromoethane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichlorobenzene	11300	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3240.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichloroethane	1.65	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0															
1,2-Dichloropropane	11.1	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,3,5-Trimethylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichlorobenzene	159	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dichloropropane			mg/kg	0 of 18	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,3-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0															
1,4-Dichlorobenzene	20800	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	1280.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
1,4-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0															
2,2-Dichloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
2,3,4,6-Tetrachlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-Trichlorophenol	4300	S4UL	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,4,6-Trichlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,4-Dichlorophenol	4180	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,4-Dimethylphenol	29800	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	7240.0	0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,4-Dinitrotoluene	3760	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2,6-Dinitrotoluene	1880	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Chloronaphthalene	2100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	669.0	0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Chlorophenol	4230	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
2-Methyl-4,6-Dinitrophenol			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Methylnaphthalene			mg/kg	2 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Methylphenol	182000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
2-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
3-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
4-Bromophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
4-Chloro-3-Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
4-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
4-Isopropyltoluene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
4-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
4-Nitrophenol			mg/kg	1 of 19	0	<0.1	0.2		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	0.2
Aniline			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Azobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Benzyl Alcohol			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroethoxy)methane			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-chloroisopropyl)ether			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Bis(2-ethylhexyl)phthalate	86000	AGAC	mg/kg	1 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Bromobenzene	486	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Bromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Bromodichloromethane	7.13	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Butylbenzylphthalate	946000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole			mg/kg	2 of 19	0	<0.1	0.4		0		0.2	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Chlorobenzene	287	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Chloroethene	0.117	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	346	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Di-N-Butyl Phthalate	15400	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Di-N-Octyl Phthalate	89100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzofuran			mg/kg	3 of 19	0	<0.1	0.7		0		0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Dibromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Dibromomethane			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Diethylphthalate	281000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	65.0	0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Dimethylphthalate			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Diphenylamine			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobenzene (HCB)	122	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorobutadiene (HCBD)	119	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Hexachlorocyclopentadiene			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzene	7270	AGAC	mg/kg	1 of 19	0	<0.01	<0.01	2250.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
M-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Methyl tert-butyl ether (MTBE)	22400	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
O-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
P-Dinitrobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Pentachlorophenol (PCP)	405	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
Sec-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Styrene	10600	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3350.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Tert-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloroethene	94.9	AGAC/S4UI	mg/kg	0 of 18	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Tetrachloromethane (Carbon Tetra Chlori	14.2	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Tribromomethane	2980	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
Trichloroethene	5.69	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
cis-1,2-Dichloroethene	44.4	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
cis1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
n-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
n-propylbenzene	20400	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2330.0	0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,2-Dichloroethene	76.2	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
trans-1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0		<0.01	<0.01	<0.01							<0.01	<0.01	<0.01	<0.01	<0.01
2,3,5,6-Tetrachlorophenol			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1
3/4 Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
4-Chlorophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0

Hole Ref	BH01	BH01	BH01	SA03	TP04A	BH03B	OP03	OP04	OP05	OP06	TP01	TP01	TP01	TP02
Sample Ref	1	4	12	5	6	4	2	3	2	2	2	4	7	7
Easting	330996.61	330996.61	330996.61	331030.81	331035.46	331030.65	331052.1	331051.34	331036.21	331031.8	331005.37	331005.37	331005.37	331013.73
Northing	436445.82	436445.82	436445.82	436465.42	436466.79	436450.54	436380.69	436410.46	436433.35	436375.69	436408.39	436408.39	436408.39	436383.6
Hole Elevation (mOD)	23.39	23.39	23.39	24.02	24.16	24.05	24.02	24.02	24.06	23.73	23.32	23.32	23.32	23.26
Sample Depth (mbgl)	0.4	1	3	0.5	2	0.5	0.3	0.3	0.3	0.3	0.2	0.5	0.8	0.45
Sample Date	12/05/21	12/05/21	12/05/21	25/05/21	24/05/21	19/05/21	19/05/21	19/05/21	19/05/21	18/05/21	17/05/21	17/05/21	17/05/21	18/05/21
Investigation	BASEMENT	BASEMENT	BASEMENT	BASEMENT	BASEMENT									
Geology	MG-TARMAC	MG-FILL	MG-FILL	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	MG-GRANULAR	MG-SUB	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE
4-Chlorophenyl Phenyl Ether	<0.1	<0.1	<0.1							<0.1	<0.1	<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP03	TP06	TP07	TP07	TS06A	TS16	WS02	WS02	WS03	WS05	WS06	WS07	WS08	BH03
										Sample Ref	2	6	2	8	5	5	2	6	4	2	4	6	2	1
										Easting	331021.19	331017.74	331026.91	331026.91	331048.91	331055.93	331061.62	331061.62	331048.72	331047.87	331053.43	331014.86	331063.57	331029.81
										Northing	436438.18	436425.91	436447.56	436447.56	436429.69	436469.84	436416.57	436416.57	436419.9	436442.82	436467.11	436403.22	436399.74	436436.35
										Hole Elevation (mOD)	23.7	23.57	23.91	23.91	24.03	24.4	24.07	24.07	24.55	24.05	24.35	23.43	23.82	23.94
										Sample Depth (mbgl)	0.2	0.8	0.3	1.8	0.6	0.5	0.4	1.1	0.5	0.3	0.8	1.2	0.3	0.4
										Sample Date	20/05/21	17/05/21	18/05/21	18/05/21	25/05/21	25/05/21	14/05/21	14/05/21	13/05/21	11/05/21	11/05/21	10/05/21	13/05/21	18/05/21
										Investigation														
										Geology	MG-GRANULAR	GTD-COHESIVE	MG-SUB	GTD-COHESIVE	MG-COHESIVE	MG-COHESIVE	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-COHESIVE	MG-TARMAC
Metal																								
Antimony	7350	AGAC	mg/kg	23 of 35	0	<1	9.7		0		1.7	<1	<1	1.1	<1	1.6	<1	1.2	1	1.1	1.1	<1	<1	1.4
Arsenic	635	AGAC	mg/kg	35 of 35	0	1.9	49		0		5.2	10	4.8	9.2	9	9.9	6.6	8.3	8.6	9.5	11	10	3.1	3.5
Beryllium	11.7	AGAC	mg/kg	31 of 35	0	<0.2	4		0		0.3	0.7	<0.2	0.8	0.7	0.4	0.5	0.8	0.8	0.7	0.8	0.8	0.6	0.3
Cadmium	190	AGAC/S4UI	mg/kg	27 of 35	0	<0.1	1.9		0		0.1	<0.1	0.2	0.1	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Chromium	8570	AGAC (Cr III	mg/kg	35 of 35	0	7.1	36		0		23	25	14	28	27	20	24	31	30	27	29	30	7.2	13
Chromium - Hexavalent	33	AGAC/S4UI	mg/kg	0 of 19	0	<1	<1		0			<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	
Copper	68300	AGAC	mg/kg	35 of 35	0	11	290		0		34	20	14	21	22	33	19	23	21	23	24	26	22	19
Lead	2300	C4SL	mg/kg	35 of 35	0	9.4	440		0		52	10	9.4	10	17	62	24	12	12	14	21	20	13	27
Mercury	1100	UL (inorgar	mg/kg	15 of 35	0	<0.05	0.46		0		<0.05	<0.05	<0.05	<0.05	<0.05	0.18	0.05	<0.05	0.3	<0.05	<0.05	0.46	<0.05	<0.05
Nickel	983	AGAC	mg/kg	35 of 35	0	7.4	63		0		18	29	12	32	27	15	23	34	33	34	30	32	9.1	9
Selenium	12261	AGAC	mg/kg	0 of 35	0	<0.5	<0.5		0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	9000	IL (pentava	mg/kg	35 of 35	0	11	71		0		33	30	26	33	33	24	25	33	33	33	36	35	17	20
Zinc	730000	AGAC/S4UI	mg/kg	35 of 35	0	17	820		0		42	46	23	49	44	62	40	52	53	40	48	51	36	36
Inorganic																								
pH			pH Units	35 of 35	0	7.5	11.2		0		11.1	8.4	11	8.3	8.5	8	7.9	8.3	8.2	9.1	8.4	8.4	9.1	11.1
Cyanide	168	AC (free, ac	mg/kg	9 of 35	0	<0.1	0.5		0		<0.1	<0.1	<0.1	<0.1	<0.1	0.3	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Boron	236000	AGAC	mg/kg	18 of 35	0	<0.2	2.4		0		0.9	<0.2	<0.2	<0.2	<0.2	0.3	0.3	<0.2	<0.2	0.7	<0.2	<0.2	<0.2	0.3
Total Organic Carbon			%	27 of 35	0	<0.5	34		0		4.6	<0.5	5	<0.5	<0.5	1.1	1.6	<0.5	<0.5	0.9	1	<0.5	0.6	4.1
Redox Potential			mV	2 of 26	0	130	160		0									160						
Conductivity- Electrical 20deg			uS/cm	2 of 2	0	250	280		0									250						
Asbestos																								
Asbestos (Presence of)			---	0 of 34	0	-	-		0		NAD		NAD		NAD	NAD	NAD		NAD	NAD	NAD	NAD	NAD	NAD
Asbestos Analysts Comments			---	0 of 34	0	-	-		0		na		na		na	na	na		na	na	na	na	na	na
Phenol and mineral oils																								
Phenol	1300	- (direct cor	mg/kg	0 of 19	0	<0.1	<0.1		0			<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Phenol (Monohydric)	1300	- (direct cor	mg/kg	2 of 35	0	<0.3	1		0		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
TPH																								
Aliphatics >C10-12	47300	AGAC	mg/kg	0 of 26	0	<1.5	<1.5	283.0	0		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
Aliphatics >C12-16	90200	AGAC	mg/kg	3 of 26	0	<1.2	18	142.0	0		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	
Aliphatics >C16-21	14300000.C	(Ali >C16	mg/kg	7 of 26	0	<1.5	100	50.90	2		19	<1.5	20	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
Aliphatics >C21-35	14300000.C	(Ali >C16	mg/kg	8 of 26	0	<3.4	1100	50.90	7		470	<3.4	430	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	
Aliphatics >C35-44	14300000.C	(Ali >C16	mg/kg	9 of 26	0	<3.4	790	50.90	8		190	<3.4	210	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	790	<3.4	<3.4	<3.4	
Aliphatics >C5-6	12100	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	1150.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aliphatics >C6-8	39600	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	736.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aliphatics >C8-10	11300	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	451.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aliphatics >C10-44			mg/kg	9 of 26	0	<10	2900		0		620	<10	640	<10	<10	<10	<10	<10	<10	2900	<10	<10	<10	
Aromatics >C10-12	34200	AGAC	mg/kg	2 of 26	0	<0.9	9.7	2150.0	0		<0.9	<0.9	9.7	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	
Aromatics >C12-16	37800	AGAC	mg/kg	6 of 26	0	<0.5	24		0		2.2	<0.5	24	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Aromatics >C16-21	28100	AGAC	mg/kg	8 of 26	0	<0.6	150		0		35	<0.6	85	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	
Aromatics >C21-35	28400	AGAC	mg/kg	8 of 26	0	<1.4	2200		0		680	<1.4	1100	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	
Aromatics >C35-44	28400	AGAC	mg/kg	9 of 26	0	<1.4	2000		0		340	<1.4	720	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	2000	<1.4	<1.4	<1.4	
Aromatics >C5-7			mg/kg	0 of 26	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aromatics >C7-8	183681	AC (toluer	mg/kg	0 of 26	0	<0.01	<0.01	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aromatics >C8-10	17000	AGAC/S4UI	mg/kg	0 of 26	0	<0.01	<0.01	3580.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aromatics >C10-44			mg/kg	9 of 26	0	<10	6200		0		970	<10	1800	<10	<10	<10	<10	<10	<10	6200	<10	<10	<10	
Total Aliphatics and Aromatics C10-C44			mg/kg	9 of 26	0	<10	9100		0		1600	<10	2500	<10	<10	<10	<10	<10	<10	9100	<10	<10	<10	
TPH C11-20			mg/kg	0 of 1	0	<10	<10		0									<10						
EPH >C10-40			mg/kg	10 of 22	0	<10	4500		0		1500	<10	1900	<10	<10	<10	610	<10						810
EPH/TPH >C20-40			mg/kg	0 of 2	0	<10	<10		0									<10						
EPH (C11-C20)			mg/kg	0 of 1	0	<10	<10		0															
PAH																								
Acenaphthene	104000	AGAC	mg/kg	9 of 30	0	<0.03	6.1		0		<0.03	<0.03	0.17	<0.03	<0.03	<0.03	0.52	<0.03	<0.03	0.07	<0.03	<0.03	<0.03	<0.03
Dibenz-a-h-anthracene	3.57	AGAC/S4UI	mg/kg	9 of 31	0	<0.03	0.6		0		0.04	<0.03	0.07	<0.03	<0.03	<0.03	0.6	<0.03	<0.03	0.15	<0.03	<0.03	<0.03	<0.03
Fluoranthene	22700	AGAC	mg/kg	20 of 31	0	<0.03	25		0		0.17	<0.03	1.5	<0.03	<0.03	0.08	25	0.33	<0.03	0.81	<0.03	<0.03	0.06	0.21
Fluorene	70800	AGAC	mg/kg	9 of 31	0	<0.03	3.7		0		<0.03	<0.03	0.12	<0.03	<0.03	<0.03	2.5	<0.03	<0.03	0.06	<0.03	<0.03	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	509	AGAC	mg/kg	15 of 31	0	<0.03	1.7		0		0.12	<0.03	0.25	<0.03	<0.03	<0.03	1.7	0.04	<0.03	0.41	<0.03	<0.03	<0.03	0.06
Phenanthrene	22500	AGAC	mg/kg	18 of 31	0	<0.03	18		0		0.12	<0.03	0.66	<0.03	<0.03	0.05	18	0.26	<0.03	0.61	<0.03	<0.03	<0.03	0.15
Pyrene	54500	AGAC	mg/kg	20 of 31	0	<0.03	22		0		0.18	<0.03	1.4	<0.03	<0.03	0.08	22	0.29	<0.03	1	<0.03	<0.03	0.08	0.25
Napthalene	1090	AGAC	mg/kg	4 of 31	0	<0.01	2.9	432.0	0		<0.03	<0.01	<0.01	<0.01	0.39	<0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03
Pah,Total			mg/kg	21 of 31	0	<0.03	120		0		1.5	<0.1	7.7	<0.1	0.39	0.24	120	1.5	<0.1	6.6	<0.1	<0.1	0.14	1.2
Acenaphthylene	104000	AGAC	mg/kg	3 of 31	0	<0.03	0.86		0		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.86	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	542000	AGAC	mg/kg	10 of 31	0	<0.03	4.7		0		<0.03	<0.03	0.24	<0.03	<0.03	<0.03	4.7	0.06	<0.03	0.08	<0.03	<0.03	<0.03	<0.03
Benzo(a)anthracene	176	AGAC	mg/kg	19 of 31	0	<0.03	9.9		0		0.07	<0.03	0.68	<0.03	<0.03	0.03	9.9	0.18	<0.03	0.4	<0.03	<0.03	<0.03	0.1
Benzo (g,h,i) perylene	3960	AGAC	mg/kg	16 of 31	0	<0.03	1.7		0		0.21	<0.03	0.34	<0.03	<0.03	<0.03	1.7	0.04	<0.03	0.56	<0.03	<0.03	<0.03	0.09
Benzo(a)pyrene	35.7	AGAC/S4UI	mg/kg	18 of 31	0	<0.03	6.4		0		0.16	<0.03	0.68	<0.03	<0.03	<0.03	6.4	0.08	<0.03	0.72	<0.03	<0.03	<0.03	0.09
Benzo(b)fluoranthene	44.9	AGAC/S4UI	mg/kg	20 of 31	0	<0.03	11		0		0.25	<0.03	0.81	<0.03	<0.03	0.03	11	0.12	<0.03	0.89	<0.03	<0.03	0.03	0.14
Benzo(k)fluoranthene	1190	AGAC	mg/kg	14 of 31	0	<0.03	8.2		0		0.05	<0.03	0.34	<0.03	<0.03	<0.03	8.2	0.06	<0.03	0.24	<0.03	<0.03	<0.03	0.06
Chrysene	355	AGAC	mg/kg	17 of 31	0	<0.03	7.2		0		0.09	<0.03	0.4	<0.03	<0.03	<0.03	7.2	0.09	<0.03	0.48	<0.03	<0.03	<0.03	0.09
BTEX																								
Benzene	90.17829	AGAC/S4UI	mg/kg	0 of 31	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	183681	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	27424	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	2840.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
O-Xylene	33027	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2620.0	0			<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Xylene	29969	AC (p-xyle	mg/kg	0 of 30	0	<0.01	<0.01	3170.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
m,p xylenes	29969	AC (p-xyle	mg/kg	0 of 19	0	<0.01	<0.01	3170.0	0			<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
PCBs																								
PCB 28 + PCB 31			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-101 2,2,4,5,5 - Pentachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-118 2,3,4,4,5 - Pentachlorobiphenyl	0.000171	n backgrou	mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-138 2,2,3,4,4,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-153 2,2,4,4,5,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-180 2,2,3,4,4,5,5 - Heptachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB-52 2,2,5,5 - Tetrachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
PCB, Total Of 7 Congeners			mg/kg	0 of 22	0	<0.01	<0.01		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						<0.01
VOCs/SVOCs																								
1,1,1,2-Tetrachloroethane	559	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0			<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,1,1-Trichloroethane	2950	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0			<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref									
Sample Ref									
Easting									
Northing									
Hole Elevation (mOD)									
Sample Depth (mbgl)									
Sample Date									
Investigation									
Geology									
1,1,2-Trichloroethane	382	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0
1,1-Dichloroethane	803	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,1-Dichloroethene	86.7	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,1-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0
1,2,3 Trichlorobenzene	589	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0
1,2,3-Trichloropropane			mg/kg	0 of 19	0	<0.01	0.05		0
1,2,4-Trichlorobenzene	1260	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,2,4-Trimethylbenzene	208	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,2-Dibromo-3-Chloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0
1,2-Dibromoethane			mg/kg	0 of 19	0	<0.01	<0.01		0
1,2-Dichlorobenzene	11300	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3240.0	0
1,2-Dichloroethane	1.65	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,2-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0
1,2-Dichloropropane	11.1	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,3,5-Trimethylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0
1,3-Dichlorobenzene	159	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
1,3-Dichloropropane			mg/kg	0 of 18	0	<0.01	<0.01		0
1,3-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0
1,4-Dichlorobenzene	20800	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	1280.0	0
1,4-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0
2,2-Dichloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0
2,3,4,6-Tetrachlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2,4,5-Trichlorophenol	4300	S4UL	mg/kg	0 of 19	0	<0.1	<0.1		0
2,4,6-Trichlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2,4-Dichlorophenol	4180	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2,4-Dimethylphenol	29800	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	7240.0	0
2,4-Dinitrotoluene	3760	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2,6-Dinitrotoluene	1880	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2-Chloronaphthalene	2100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	669.0	0
2-Chlorophenol	4230	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0
2-Methyl-4,6-Dinitrophenol			mg/kg	0 of 19	0	<0.1	<0.1		0
2-Methylnaphthalene			mg/kg	2 of 19	0	<0.1	<0.1		0
2-Methylphenol	182000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
2-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0
3-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0
4-Bromophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0
4-Chloro-3-Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0
4-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0
4-Isopropyltoluene			mg/kg	0 of 19	0	<0.01	<0.01		0
4-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0
4-Nitrophenol			mg/kg	1 of 19	0	<0.1	0.2		0
Aniline			mg/kg	0 of 19	0	<0.1	<0.1		0
Azobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0
Benzyl Alcohol			mg/kg	0 of 19	0	<0.1	<0.1		0
Bis(2-chloroethoxy)methane			mg/kg	0 of 19	0	<0.1	<0.1		0
Bis(2-chloroisopropyl)ether			mg/kg	0 of 19	0	<0.1	<0.1		0
Bis(2-ethylhexyl)phthalate	86000	AGAC	mg/kg	1 of 19	0	<0.1	<0.1		0
Bromobenzene	486	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Bromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0
Bromodichloromethane	7.13	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Butylbenzylphthalate	946000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
Carbazole			mg/kg	2 of 19	0	<0.1	0.4		0
Chlorobenzene	287	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Chloroethene	0.117	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Chloroform	346	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	15400	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
Di-N-Octyl Phthalate	89100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
Dibenzofuran			mg/kg	3 of 19	0	<0.1	0.7		0
Dibromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0
Dibromomethane			mg/kg	0 of 19	0	<0.01	<0.01		0
Diethylphthalate	281000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	65.0	0
Dimethylphthalate			mg/kg	0 of 19	0	<0.1	<0.1		0
Diphenylamine			mg/kg	0 of 19	0	<0.1	<0.1		0
Hexachlorobenzene (HCB)	122	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
Hexachlorobutadiene (HCBD)	119	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
Hexachlorocyclopentadiene			mg/kg	0 of 19	0	<0.1	<0.1		0
Isopropylbenzene	7270	AGAC	mg/kg	1 of 19	0	<0.01	<0.01	2250.0	0
M-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0
Methyl tert-butyl ether (MTBE)	22400	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0
O-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0
P-Dinitrobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0
Pentachlorophenol (PCP)	405	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0
Sec-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0
Styrene	10600	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3350.0	0
Tert-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0
Tetrachloroethene	94.9	AGAC/S4UI	mg/kg	0 of 18	0	<0.01	<0.01		0
Tetrachloromethane (Carbon Tetra Chlori	14.2	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0
Tribromomethane	2980	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0
Trichloroethene	5.69	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0
cis-1,2-Dichloroethene	44.4	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
cis1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0
n-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0
n-propylbenzene	20400	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2330.0	0
trans-1,2-Dichloroethene	76.2	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0
trans-1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol			mg/kg	0 of 19	0	<0.1	<0.1		0
3/4 Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0

Hole Ref	TP03	TP06	TP07	TP07	TS06A	TS16	WS02	WS02	WS03	WS05	WS06	WS07	WS08	BH03
Sample Ref	2	6	2	8	5	5	2	6	4	2	4	6	2	1
Easting	331021.19	331017.74	331026.91	331026.91	331048.91	331055.93	331061.62	331061.62	331048.72	331047.87	331053.43	331014.86	331063.57	331029.81
Northing	436438.18	436425.91	436447.56	436447.56	436429.69	436469.84	436416.57	436416.57	436419.9	436442.82	436467.11	436403.22	436399.74	436436.35
Hole Elevation (mOD)	23.7	23.57	23.91	23.91	24.03	24.4	24.07	24.07	24.55	24.05	24.35	23.43	23.82	23.94
Sample Depth (mbgl)	0.2	0.8	0.3	1.8	0.6	0.5	0.4	1.1	0.5	0.3	0.8	1.2	0.3	0.4
Sample Date	20/05/21	17/05/21	18/05/21	18/05/21	25/05/21	25/05/21	14/05/21	14/05/21	13/05/21	11/05/21	11/05/21	10/05/21	13/05/21	18/05/21
Investigation														
Geology	MG-GRANULAR	GTD-COHESIVE	MG-SUB	GTD-COHESIVE	MG-COHESIVE	MG-COHESIVE	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-COHESIVE	MG-TARMAC
1,1,2-Trichloroethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloroethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,1-Dichloropropene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,3 Trichlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,3-Trichloropropane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,4-Trichlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2,4-Trimethylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Dibromo-3-Chloropropane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Dibromoethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Dichlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Dichloroethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,2-Dinitrobenzene														
1,2-Dichloropropane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,3,5-Trimethylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,3-Dichlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,3-Dichloropropane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,3-Dinitrobenzene														
1,4-Dichlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1,4-Dinitrobenzene														
2,2-Dichloropropane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,3,4,6-Tetrachlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4,5-Trichlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4,6-Trichlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-Dichlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-Dimethylphenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,4-Dinitrotoluene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2,6-Dinitrotoluene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Chloronaphthalene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Chlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Chlorotoluene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2-Methyl-4,6-Dinitrophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Methylnaphthalene		<0.1	<0.1	<0.1			0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	
2-Methylphenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
2-Nitroaniline		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
3-Nitroaniline		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
4-Bromophenyl Phenyl Ether		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
4-Chloro-3-Methylphenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
4-Chlorotoluene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Isopropyltoluene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4-Nitroaniline		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
4-Nitrophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Aniline		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Azobenzene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Benzyl Alcohol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Bis(2-chloroethoxy)methane		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Bis(2-chloroisopropyl)ether		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Bis(2-ethylhexyl)phthalate		<0.1	0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Bromobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Bromochloromethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Bromodichloromethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Butylbenzylphthalate		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Carbazole		<0.1	<0.1	<0.1			0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Chlorobenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Chloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Chloroform		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Di-N-Butyl Phthalate		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Di-N-Octyl Phthalate		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Dibenzofuran		<0.1	<0.1	<0.1			0.7	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	
Dibromochloromethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Dibromomethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Diethylphthalate		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Dimethylphthalate		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Diphenylamine		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Hexachlorobenzene (HCB)		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Hexachlorobutadiene (HCBD)		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Hexachlorocyclopentadiene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Isopropylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
M-Dinitrobenzene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Methyl tert-butyl ether (MTBE)		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
O-Dinitrobenzene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
P-Dinitrobenzene		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Pentachlorophenol (PCP)		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Sec-Butylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Styrene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tert-Butylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tetrachloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tetrachloromethane (Carbon Tetra Chlori		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Tribromomethane		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Trichloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
cis-1,2-Dichloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
cis1,3-Dichloropropene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-Butylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
n-propylbenzene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
trans-1,2-Dichloroethene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
trans-1,3-Dichloropropene		<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
2,3,5,6-Tetrachlorophenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
3/4 Methylphenol		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
4-Chlorophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0

Hole Ref	TP03	TP06	TP07	TP07	TS06A	TS16	WS02	WS02	WS03	WS05	WS06	WS07	WS08	BH03
Sample Ref	2	6	2	8	5	5	2	6	4	2	4	6	2	1
Easting	331021.19	331017.74	331026.91	331026.91	331048.91	331055.93	331061.62	331061.62	331048.72	331047.87	331053.43	331014.86	331063.57	331029.81
Northing	436438.18	436425.91	436447.56	436447.56	436429.69	436469.84	436416.57	436416.57	436419.9	436442.82	436467.11	436403.22	436399.74	436436.35
Hole Elevation (mOD)	23.7	23.57	23.91	23.91	24.03	24.4	24.07	24.07	24.55	24.05	24.35	23.43	23.82	23.94
Sample Depth (mbgl)	0.2	0.8	0.3	1.8	0.6	0.5	0.4	1.1	0.5	0.3	0.8	1.2	0.3	0.4
Sample Date	20/05/21	17/05/21	18/05/21	18/05/21	25/05/21	25/05/21	14/05/21	14/05/21	13/05/21	11/05/21	11/05/21	10/05/21	13/05/21	18/05/21
Investigation														
Geology	MG-GRANULAR	GTD-COHESIVE	MG-SUB	GTD-COHESIVE	MG-COHESIVE	MG-COHESIVE	MG-COHESIVE	GTD-COHESIVE	GTD-COHESIVE	MG-GRANULAR	MG-GRANULAR	GTD-COHESIVE	MG-COHESIVE	MG-TARMAC
4-Chlorophenyl Phenyl Ether		<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	BH03A	BH04	TP06	WS01	OP07B	OP08	TP02	SA01	TS07	TS15
Hole Ref										BH03A	BH04	TP06	WS01	OP07B	OP08	TP02	SA01	TS07	TS15
Sample Ref										1	4	3	2	2	1	4	2	2	2
Easting										331037.71	331093.3	331017.74	331052.92	331022.1	331033.15	331013.73	331002.16	331059.9	331014.91
Northing										436439.17	436398.93	436425.91	436397	436411.7	436438.95	436383.6	436417.93	436419.57	436368.24
Hole Elevation (mOD)										24.08	23.77	23.57	23.99	23.6	23.99	23.26	23.3	23.99	23.11
Sample Depth (mbgl)										0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.2
Sample Date										18/05/21	18/05/21	17/05/21	17/05/21	18/05/21	18/05/21	18/05/21	21/05/21	24/05/21	21/05/21
Investigation																			
Geology										MG-TARMAC	GTD-COHESIVE	MG-GRANULAR	MG-SUB	GTD-COHESIVE	MG-TARMAC	MG-COHESIVE	MG-SUB	MG-GRANULAR	MG-GRANULAR
Metal																			
Antimony	7350	AGAC	mg/kg	23 of 35	0	<1	9.7		0	2	1.4	<1	<1				9.7	4.4	1.6
Arsenic	635	AGAC	mg/kg	35 of 35	0	1.9	49		0	5.9	8	6.5	7.6				49	12	11
Beryllium	11.7	AGAC	mg/kg	31 of 35	0	<0.2	4		0	0.3	0.7	0.2	0.4				4	0.5	0.6
Cadmium	190	AGAC/S4UI	mg/kg	27 of 35	0	<0.1	1.9		0	0.3	<0.1	0.2	0.1				1.9	0.8	0.2
Chromium	8570	AGAC (Cr III	mg/kg	35 of 35	0	7.1	36		0	18	26	7.1	17				36	13	25
Chromium - Hexavalent	33	AGAC/S4UI	mg/kg	0 of 19	0	<1	<1		0				<1						
Copper	68300	AGAC	mg/kg	35 of 35	0	11	290		0	25	20	11	23				290	97	37
Lead	2300	C4SL	mg/kg	35 of 35	0	9.4	440		0	81	11	26	68				440	130	21
Mercury	1100	UL (inorgar	mg/kg	15 of 35	0	<0.05	0.46		0	0.06	<0.05	0.08	0.25				0.44	0.1	<0.05
Nickel	983	AGAC	mg/kg	35 of 35	0	7.4	63		0	8.2	27	7.7	15				63	18	26
Selenium	12261	AGAC	mg/kg	0 of 35	0	<0.5	<0.5		0	<0.5	<0.5	<0.5	<0.5				<0.5	<0.5	<0.5
Vanadium	9000	IL (pentaval	mg/kg	35 of 35	0	11	71		0	20	30	12	23				71	20	29
Zinc	730000	AGAC/S4UI	mg/kg	35 of 35	0	17	820		0	59	47	31	140				820	250	56
Inorganic																			
pH			pH Units	35 of 35	0	7.5	11.2		0	10.4	8.4	8.6	8.6				8	8.7	8.5
Cyanide	168	AC (free, ac	mg/kg	9 of 35	0	<0.1	0.5		0	<0.1	<0.1	<0.1	<0.1				0.2	<0.1	<0.1
Boron	236000	AGAC	mg/kg	18 of 35	0	<0.2	2.4		0	0.3	<0.2	<0.2	<0.2				2.4	0.8	0.3
Total Organic Carbon			%	27 of 35	0	<0.5	34		0	4.1	<0.5	4.5	0.8				34	2.5	0.6
Redox Potential			mV	2 of 26	0	130	160		0										130
Conductivity- Electrical 20deg			uS/cm	2 of 2	0	250	280		0										280
Asbestos																			
Asbestos (Presence of)			---	0 of 34	0	-	-		0	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD
Asbestos Analysts Comments			---	0 of 34	0	-	-		0	na	na	na	na	na	na	na	na	na	na
Phenol and mineral oils																			
Phenol	1300	- (direct cor	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Phenol (Monohydric)	1300	- (direct cor	mg/kg	2 of 35	0	<0.3	1		0	<0.3	<0.3	<0.3	<0.3				1	<0.3	<0.3
TPH																			
Aliphatics >C10-12	47300	AGAC	mg/kg	0 of 26	0	<1.5	<1.5	283.0	0										
Aliphatics >C12-16	90200	AGAC	mg/kg	3 of 26	0	<1.2	18	142.0	0										
Aliphatics >C16-21	14300000.C	(Ali >C16	mg/kg	7 of 26	0	<1.5	100	50.90	2										
Aliphatics >C21-35	14300000.C	(Ali >C16	mg/kg	8 of 26	0	<3.4	1100	50.90	7										
Aliphatics >C35-44	14300000.C	(Ali >C16	mg/kg	9 of 26	0	<3.4	790	50.90	8										
Aliphatics >C5-6	12100	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	1150.0	0										
Aliphatics >C6-8	39600	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	736.0	0										
Aliphatics >C8-10	11300	AGAC	mg/kg	0 of 26	0	<0.01	<0.01	451.0	0										
Aliphatics >C10-44			mg/kg	9 of 26	0	<10	2900		0										
Aromatics >C10-12	34200	AGAC	mg/kg	2 of 26	0	<0.9	9.7	2150.0	0										
Aromatics >C12-16	37800	AGAC	mg/kg	6 of 26	0	<0.5	24		0										
Aromatics >C16-21	28100	AGAC	mg/kg	8 of 26	0	<0.6	150		0										
Aromatics >C21-35	28400	AGAC	mg/kg	8 of 26	0	<1.4	2200		0										
Aromatics >C35-44	28400	AGAC	mg/kg	9 of 26	0	<1.4	2000		0										
Aromatics >C5-7			mg/kg	0 of 26	0	<0.01	<0.01		0										
Aromatics >C7-8	183681	AC (toluer	mg/kg	0 of 26	0	<0.01	<0.01	4360.0	0										
Aromatics >C8-10	17000	AGAC/S4UI	mg/kg	0 of 26	0	<0.01	<0.01	3580.0	0										
Aromatics >C10-44			mg/kg	9 of 26	0	<10	6200		0										
Total Aliphatics and Aromatics C10-C44			mg/kg	9 of 26	0	<10	9100		0										
TPH C11-20			mg/kg	0 of 1	0	<10	<10		0										
EPH >C10-40			mg/kg	10 of 22	0	<10	4500		0	1200	<10	2500	<10						
EPH/TPH >C20-40			mg/kg	0 of 2	0	<10	<10		0										<10
EPH (C11-C20)			mg/kg	0 of 1	0	<10	<10		0										<10
PAH																			
Acenaphthene	104000	AGAC	mg/kg	9 of 30	0	<0.03	6.1		0	<0.03	<0.03	6.1	0.04						
Dibenz-a-h-anthracene	3.57	AGAC/S4UI	mg/kg	9 of 31	0	<0.03	0.6		0	<0.03	<0.03	0.14	<0.03						<0.1
Fluoranthene	22700	AGAC	mg/kg	20 of 31	0	<0.03	25		0	0.19	<0.03	9.2	0.38						<0.1
Fluorene	70800	AGAC	mg/kg	9 of 31	0	<0.03	3.7		0	<0.03	<0.03	3.7	0.05						<0.1
Indeno(1,2,3-cd)pyrene	509	AGAC	mg/kg	15 of 31	0	<0.03	1.7		0	0.1	<0.03	0.65	<0.03						<0.1
Phenanthrene	22500	AGAC	mg/kg	18 of 31	0	<0.03	18		0	0.1	<0.03	12	0.35						<0.1
Pyrene	54500	AGAC	mg/kg	20 of 31	0	<0.03	22		0	0.22	<0.03	8.1	0.32						<0.1
Napthalene	1090	AGAC	mg/kg	4 of 31	0	<0.01	2.9	432.0	0	<0.03	<0.03	2.9	<0.03						<0.01
Pah,Total			mg/kg	21 of 31	0	<0.03	120		0	1.4	<0.1	57	1.5						<0.03
Acenaphthylene	104000	AGAC	mg/kg	3 of 31	0	<0.03	0.86		0	<0.03	<0.03	0.07	<0.03						<0.1
Anthracene	542000	AGAC	mg/kg	10 of 31	0	<0.03	4.7		0	<0.03	<0.03	3.1	0.08						<0.1
Benzo(a)anthracene	176	AGAC	mg/kg	19 of 31	0	<0.03	9.9		0	0.11	<0.03	2.5	0.09						<0.1
Benzo (g,h,i) perylene	3960	AGAC	mg/kg	16 of 31	0	<0.03	1.7		0	0.17	<0.03	0.88	<0.03						<0.1
Benzo(a)pyrene	35.7	AGAC/S4UI	mg/kg	18 of 31	0	<0.03	6.4		0	0.15	<0.03	2	0.05						<0.1
Benzo(b)fluoranthene	44.9	AGAC/S4UI	mg/kg	20 of 31	0	<0.03	11		0	0.2	<0.03	2.4	0.08						<0.1
Benzo(k)fluoranthene	1190	AGAC	mg/kg	14 of 31	0	<0.03	8.2		0	0.07	<0.03	0.99	<0.03						<0.1
Chrysene	355	AGAC	mg/kg	17 of 31	0	<0.03	7.2		0	0.08	<0.03	1.9	0.08						<0.1
BTEX																			
Benzene	90.17829	AGAC/S4UI	mg/kg	0 of 31	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						<0.01
Toluene	183681	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	4360.0	0	<0.01	<0.01	<0.01	<0.01						<0.01
Ethylbenzene	27424	AGAC	mg/kg	0 of 31	0	<0.01	<0.01	2840.0	0	<0.01	<0.01	<0.01	<0.01						<0.01
O-Xylene	33027	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2620.0	0										<0.01
Xylene	29969	AC (p-xyle	mg/kg	0 of 30	0	<0.01	<0.01	3170.0	0	<0.01	<0.01	<0.01	<0.01						
m,p xylenes	29969	AC (p-xyle	mg/kg	0 of 19	0	<0.01	<0.01	3170.0	0										<0.01
PCBs																			
PCB 28 + PCB 31			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-101 2,2,4,5,5 - Pentachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-118 2,3,4,4,5 - Pentachlorobiphenyl	0.000171	n backgrou	mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-138 2,2,3,4,4,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-153 2,2,4,4,5,5 - Hexachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-180 2,2,3,4,4,5,5 - Heptachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB-52 2,2,5,5 - Tetrachlorobiphenyl			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
PCB, Total Of 7 Congeners			mg/kg	0 of 22	0	<0.01	<0.01		0	<0.01	<0.01	<0.01	<0.01						
VOCs/SVOCs																			
1,1,1,2-Tetrachloroethane	559	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,1,1-Trichloroethane	2950	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: BH03A	BH04	TP06	WS01	OP07B	OP08	TP02	SA01	TS07	TS15
										Sample Ref: 1	4	3	2	2	1	4	2	2	2
										Easting: 331037.71	331093.3	331017.74	331052.92	331022.1	331033.15	331013.73	331002.16	331059.9	331014.91
										Northing: 436439.17	436398.93	436425.91	436397	436411.7	436438.95	436383.6	436417.93	436419.57	436368.24
										Hole Elevation (mOD): 24.08	23.77	23.57	23.99	23.6	23.99	23.26	23.3	23.99	23.11
										Sample Depth (mbgl): 0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.2
										Sample Date: 18/05/21	18/05/21	17/05/21	17/05/21	18/05/21	18/05/21	18/05/21	21/05/21	24/05/21	21/05/21
										Investigation									
										Geology: MG-TARMAC	GTD-COHESIVE	MG-GRANULAR	MG-SUB	GTD-COHESIVE	MG-TARMAC	MG-COHESIVE	MG-SUB	MG-GRANULAR	MG-GRANULAR
1,1,2-Trichloroethane	382	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0										
1,1-Dichloroethane	803	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,1-Dichloroethene	86.7	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,1-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2,3 Trichlorobenzene	589	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2,3-Trichloropropane			mg/kg	0 of 19	0	<0.01	0.05		0										0.05
1,2,4-Trichlorobenzene	1260	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2,4-Trimethylbenzene	208	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2-Dibromo-3-Chloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2-Dibromoethane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2-Dichlorobenzene	11300	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3240.0	0										<0.01
1,2-Dichloroethane	1.65	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,2-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0										<0.1
1,2-Dichloropropane	11.1	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,3,5-Trimethylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,3-Dichlorobenzene	159	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
1,3-Dichloropropane			mg/kg	0 of 18	0	<0.01	<0.01		0										
1,3-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0										<0.1
1,4-Dichlorobenzene	20800	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	1280.0	0										<0.01
1,4-Dinitrobenzene			mg/kg	0 of 1	0	<0.1	<0.1		0										<0.1
2,2-Dichloropropane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
2,3,4,6-Tetrachlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2,4,5-Trichlorophenol	4300	S4UL	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2,4,6-Trichlorophenol	4320	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2,4-Dichlorophenol	4180	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2,4-Dimethylphenol	29800	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	7240.0	0										<0.1
2,4-Dinitrotoluene	3760	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2,6-Dinitrotoluene	1880	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2-Chloronaphthalene	2100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	669.0	0										<0.1
2-Chlorophenol	4230	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
2-Methyl-4,6-Dinitrophenol			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2-Methylnaphthalene			mg/kg	2 of 19	0	<0.1	<0.1		0										<0.1
2-Methylphenol	182000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
2-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
3-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0										
4-Bromophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
4-Chloro-3-Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
4-Chlorotoluene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
4-Isopropyltoluene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
4-Nitroaniline			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
4-Nitrophenol			mg/kg	1 of 19	0	<0.1	0.2		0										<0.1
Aniline			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Azobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Benzyl Alcohol			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Bis(2-chloroethoxy)methane			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Bis(2-chloroisopropyl)ether			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Bis(2-ethylhexyl)phthalate	86000	AGAC	mg/kg	1 of 19	0	<0.1	<0.1		0										<0.1
Bromobenzene	486	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Bromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Bromodichloromethane	7.13	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Butylbenzylphthalate	946000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Carbazole			mg/kg	2 of 19	0	<0.1	0.4		0										<0.1
Chlorobenzene	287	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Chloroethene	0.117	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Chloroform	346	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Di-N-Butyl Phthalate	15400	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Di-N-Octyl Phthalate	89100	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Dibenzofuran			mg/kg	3 of 19	0	<0.1	0.7		0										<0.1
Dibromochloromethane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Dibromomethane			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Diethylphthalate	281000	AGAC	mg/kg	0 of 19	0	<0.1	<0.1	65.0	0										<0.1
Dimethylphthalate			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Diphenylamine			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Hexachlorobenzene (HCB)	122	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Hexachlorobutadiene (HCBD)	119	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Hexachlorocyclopentadiene			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Isopropylbenzene	7270	AGAC	mg/kg	1 of 19	0	<0.01	<0.01	2250.0	0										0.01
M-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0										
Methyl tert-butyl ether (MTBE)	22400	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0										
O-Dinitrobenzene			mg/kg	0 of 18	0	<0.1	<0.1		0										
P-Dinitrobenzene			mg/kg	0 of 19	0	<0.1	<0.1		0										
Pentachlorophenol (PCP)	405	AGAC	mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
Sec-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Styrene	10600	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	3350.0	0										<0.01
Tert-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Tetrachloroethene	94.9	AGAC/S4UI	mg/kg	0 of 18	0	<0.01	<0.01		0										
Tetrachloromethane (Carbon Tetra Chlori	14.2	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
Tribromomethane	2980	AGAC	mg/kg	0 of 18	0	<0.01	<0.01		0										
Trichloroethene	5.69	AGAC/S4UI	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
cis-1,2-Dichloroethene	44.4	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
cis1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
n-Butylbenzene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
n-propylbenzene	20400	AGAC	mg/kg	0 of 19	0	<0.01	<0.01	2330.0	0										<0.01
trans-1,2-Dichloroethene	76.2	AGAC	mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
trans-1,3-Dichloropropene			mg/kg	0 of 19	0	<0.01	<0.01		0										<0.01
2,3,5,6-Tetrachlorophenol			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1
3/4 Methylphenol			mg/kg	0 of 19	0	<0.1	<0.1		0										<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
4-Chlorophenyl Phenyl Ether			mg/kg	0 of 19	0	<0.1	<0.1		0

Hole Ref	BH03A	BH04	TP06	WS01	OP07B	OP08	TP02	SA01	TS07	TS15
Sample Ref	1	4	3	2	2	1	4	2	2	2
Easting	331037.71	331093.3	331017.74	331052.92	331022.1	331033.15	331013.73	331002.16	331059.9	331014.91
Northing	436439.17	436398.93	436425.91	436397	436411.7	436438.95	436383.6	436417.93	436419.57	436368.24
Hole Elevation (mOD)	24.08	23.77	23.57	23.99	23.6	23.99	23.26	23.3	23.99	23.11
Sample Depth (mbgl)	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.2	0.2	0.2
Sample Date	18/05/21	18/05/21	17/05/21	17/05/21	18/05/21	18/05/21	18/05/21	21/05/21	24/05/21	21/05/21
Investigation										
Geology	MG-TARMAC	GTD-COHESIVE	MG-GRANULAR	MG-SUB	GTD-COHESIVE	MG-TARMAC	MG-COHESIVE	MG-SUB	MG-GRANULAR	MG-GRANULAR
4-Chlorophenyl Phenyl Ether										<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	Hole Ref	WS02	OP6	TP01	TP01	TP06	TP07	WS01	OP4	BH03B	TP03	TS16	WS02	TP01	TP02	TP06
								Sample Depth (mbgl)	0.40	0.30	0.20	0.50	0.30	0.30	0.30	0.30	0.50	0.20	0.50	1.10	0.80	0.45	0.80
								Sample Date	14/05/2021	18/05/2021	17/05/2021	17/05/2021	17/05/2021	18/05/2021	17/05/2021	19/05/2021	19/05/2021	20/05/2021	25/05/2021	14/05/2021	17/05/2021	18/05/2021	17/05/2021
								Geology	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	GTD	GTD	GTD	GTD
Metals																							
Antimony, Dissolved	5	DWS	ug/l	9 of 16	3	0.17	19		< 0.17	0.41	0.48	1.4	0.46	**11**	< 0.17	< 0.17	**19**	**6**	< 0.17	< 0.17	0.32	0.31	< 0.17
Arsenic, Dissolved	50	EQS	ug/l	16 of 16	0	0.17	4.5		0.81	2	1.3	4.5	3.2	2.2	1.1	0.35	1.9	1.3	0.35	0.33	1.9	1.7	0.44
Barium, Dissolved	700	WHO	ug/l	16 of 16	0	0.98	13		8.5	4.1	7.1	13	6.3	6.3	2.2	0.98	4.9	3.6	2.9	5.4	8.9	2.8	9.4
Cadmium, Dissolved	0.08	EQS	ug/l	0 of 16	0	0.03	0.03		< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Chromium, Dissolved	4.7	EQS	ug/l	8 of 16	1	0.25	6.9		0.27	**6.9**	0.89	< 0.25	0.3	< 0.25	0.26	0.29	1	0.72	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Copper, Dissolved	1	EQS	ug/l	15 of 16	12	0.4	15		**1.1**	**1.8**	**1.1**	**1.7**	**2.8**	**3.8**	0.7	< 0.4	**15**	**4**	**1.1**	0.8	**1.8**	**3.7**	**1.3**
Lead, Dissolved	1.2	EQS	ug/l	13 of 16	0	0.09	1.1		0.36	1	0.35	1.1	0.59	< 0.09	0.09	0.1	0.1	0.2	0.59	0.18	0.5	0.92	< 0.09
Mercury, Dissolved	1	DWS	ug/l	1 of 16	0	0.01	0.02		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Molybdenum, Dissolved	-	-	ug/l	No GAC	-	1.1	33		< 1.1	< 1.1	1.6	1.4	< 1.1	< 1.1	< 1.1	33	21	8.6	< 1.1	< 1.1	1.4	< 1.1	< 1.1
Nickel, Dissolved	4	EQS	ug/l	1 of 16	0	0.5	1.7		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Selenium, Dissolved	10	DWS	ug/l	3 of 16	0	0.25	0.35		0.35	< 0.25	< 0.25	0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.32	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Zinc, Dissolved	12.3	EQS	ug/l	13 of 16	2	1.3	14		**14**	2.7	1.5	1.6	1.7	< 1.3	< 1.3	5.2	3.4	2.8	3.2	**13**	2.1	2.5	3.1
Inorganics				No GAC	-																		
Dissolved Organic Carbon	-	-	mg/l						< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.5	< 2.0	< 2.0	< 2.0	< 2.0	2.5	< 2.0
Total Dissolved Solids	-	-	mg/l	35 of 35	0	9.5	70		31	39	44	43	40	42	36	9.5	50	70	23	30	45	23	54
Chloride	250	EQS*	mg/l	No GAC	-	0.58	1.7		1.6	0.88	0.92	1.1	1.2	0.88	1	0.77	0.8	1	0.58	1	1.3	1.6	1.7
Fluoride	1	EQS*	mg/l	No GAC	-	0.1	0.26		< 0.10	< 0.10	0.26	0.11	0.1	< 0.10	< 0.10	0.11	< 0.10	< 0.10	< 0.10	< 0.10	0.23	0.18	0.22
Sulphate as SO4	400	EQS*	mg/l	27 of 35	0	0.6	9.7		2.5	1.7	4.8	3.7	2.5	9.1	1.9	0.78	9.7	9	0.6	1.4	2.1	2.8	3.9
Phenols				2 of 26	0																		
Phenol - Monohydric	7.7	EQS	ug/l	2 of 2	0	100	100		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP07
Sample Depth (mbgl)	1.80
Sample Date	18/05/2021
Geology	GTD

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	
Metals								
Antimony, Dissolved	5	DWS	ug/l	9 of 16	3	0.17	19	< 0.17
Arsenic, Dissolved	50	EQS	ug/l	16 of 16	0	0.17	4.5	0.17
Barium, Dissolved	700	WHO	ug/l	16 of 16	0	0.98	13	2.6
Cadmium, Dissolved	0.08	EQS	ug/l	0 of 16	0	0.03	0.03	< 0.03
Chromium, Dissolved	4.7	EQS	ug/l	8 of 16	1	0.25	6.9	< 0.25
Copper, Dissolved	1	EQS	ug/l	15 of 16	12	0.4	15	0.8
Lead, Dissolved	1.2	EQS	ug/l	13 of 16	0	0.09	1.1	< 0.09
Mercury, Dissolved	1	DWS	ug/l	1 of 16	0	0.01	0.02	< 0.01
Molybdenum, Dissolved	-	-	ug/l	No GAC	-	1.1	33	< 1.1
Nickel, Dissolved	4	EQS	ug/l	1 of 16	0	0.5	1.7	< 0.5
Selenium, Dissolved	10	DWS	ug/l	3 of 16	0	0.25	0.35	< 0.25
Zinc, Dissolved	12.3	EQS	ug/l	13 of 16	2	1.3	14	< 1.3
Inorganics				No GAC	-			
Dissolved Organic Carbon	-	-	mg/l					< 2.0
Total Dissolved Solids	-	-	mg/l	35 of 35	0	9.5	70	46
Chloride	250	EQS*	mg/l	No GAC	-	0.58	1.7	1.3
Fluoride	1	EQS*	mg/l	No GAC	-	0.1	0.26	< 0.10
Sulphate as SO4	400	EQS*	mg/l	27 of 35	0	0.6	9.7	1.9
Phenols				2 of 26	0			
Phenol - Monohydric	7.7	EQS	ug/l	2 of 2	0	100	100	< 100

Appendix C

HazWasteOnline classification

ARUP

HazWasteOnline™

Waste Classification Report

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

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

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

DDKCN-FS2E7-ZHCPQ

Job name

Blackpool King Street (278729-00)

Description/Comments

Project

Blackpool King Street

Site

Classified by

Name:
Jordan Weddepohl
Date:
19 Jul 2021 09:53 GMT
Telephone:

Company:
Ove Arup
Ove Arup & Partners Ltd
9th Floor
Sheffield
S1 2JE

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	Date
Hazardous Waste Classification	18 Jun 2019

Next 3 year Refresher due by Jun 2022

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH01	0.4	Non Hazardous		3
2	BH01[2]	1	Non Hazardous		8
3	BH01[3]	3	Non Hazardous		13
4	SA03	0.5	Hazardous	HP 3(i), HP 7, HP 11	18
5	BH03B	0.5	Hazardous	HP 3(i), HP 7, HP 11	21
6	OP03	0.3	Non Hazardous		24
7	OP04	0.3	Non Hazardous		26
8	OP05	0.3	Hazardous	HP 3(i), HP 7, HP 11	28
9	OP06	0.3	Non Hazardous		30
10	TP01	0.2	Non Hazardous		35
11	TP01[2]	0.5	Non Hazardous		40
12	TP01[3]	0.8	Non Hazardous		45
13	TP02	0.45	Non Hazardous		50
14	TP03	0.2	Hazardous	HP 3(i), HP 7, HP 11	55
15	TP06	0.8	Non Hazardous		58
16	TP07	0.3	Hazardous	HP 3(i), HP 7, HP 11	63
17	TS06A	0.6	Non Hazardous		68
18	TS16	0.5	Non Hazardous		70
19	WS02	0.4	Non Hazardous		72
20	WS05	0.3	Hazardous	HP 3(i), HP 7, HP 11	77
21	WS06	0.8	Non Hazardous		82
22	WS08	0.3	Non Hazardous		87
23	BH03	0.4	Non Hazardous		92
24	BH03A	0.4	Non Hazardous		94
25	TP06[2]	0.3	Non Hazardous		96
26	WS01	0.3	Non Hazardous		98
27	TP07[2]	1.8	Non Hazardous		100
28	WS02[2]	1.1	Non Hazardous		105
29	WS03	0.5	Non Hazardous		110

Related documents

#	Name	Description
1	TRU (277648-72)	waste stream template used to create this Job

Report

Created by: Jordan Weddepohl

Created date: 19 Jul 2021 09:53 GMT

Classification of sample: BH01

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

Sample details

Sample name:
BH01
Sample Depth:
0.4 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.7 mg/kg	1.197	2.035 mg/kg	0.000204 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.6 mg/kg	1.32	6.073 mg/kg	0.000607 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.3 mg/kg	2.775	0.833 mg/kg	0.0000833 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37 mg/kg	1.56	57.713 mg/kg	0.0037 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11 mg/kg	2.976	32.739 mg/kg	0.00327 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		43 mg/kg	1.245	53.523 mg/kg	0.00535 %		
14	TPH (C6 to C40) petroleum group			TPH		242.7 mg/kg		242.7 mg/kg	0.0243 %		
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**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]									
19		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
20		pH				11	pH		11	pH	11pH		
				PH									
21		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-917-1	208-96-8									
23		acenaphthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-469-6	83-32-9									
24		fluorene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-695-5	86-73-7									
25		phenanthrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			201-581-5	85-01-8									
26		anthracene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			204-371-1	120-12-7									
27		fluoranthene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			205-912-4	206-44-0									
28		pyrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				2	mg/kg		2	mg/kg	0.0002 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
38		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
41		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
42		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
43		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
44		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
46		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
47		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
48		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
49		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
50		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
51		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
52		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
53		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
54		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
55		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
56		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
57		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
58		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
59		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
60		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
61		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
62		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]									
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
64		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
65		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
66		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
67		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
68		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
69		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
70		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									
72		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
73		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
74		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
75		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
76		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
77		carbazole				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			201-696-0	86-74-8									
78		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
79		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
80		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
81		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
82		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
83		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
84		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
85		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
86		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
87		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
88		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
89		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
90		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
91		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
92		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
93		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
94		dibenzofuran				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-071-3	132-64-9									
95		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
96		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
97		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
98		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0476 %		

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 Deteminand - 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 At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0243%)

Classification of sample: BH01[2]

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

Sample details

Sample name:
BH01[2]
Sample Depth:
1 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.3 mg/kg	1.197	1.556 mg/kg	0.000156 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.8 mg/kg	1.32	6.338 mg/kg	0.000634 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.2 mg/kg	2.775	0.555 mg/kg	0.0000555 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36 mg/kg	1.56	56.153 mg/kg	0.0036 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		9.8 mg/kg	2.976	29.167 mg/kg	0.00292 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		35 mg/kg	1.245	43.565 mg/kg	0.00436 %		
14	TPH (C6 to C40) petroleum group			TPH		839.1 mg/kg		839.1 mg/kg	0.0839 %		
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<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]									
19		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
20		pH				10.6	pH		10.6	pH	10.6 pH		
				PH									
21		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-469-6	83-32-9									
24		fluorene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-695-5	86-73-7									
25		phenanthrene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
			201-581-5	85-01-8									
26		anthracene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			204-371-1	120-12-7									
27		fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
			205-912-4	206-44-0									
28		pyrene				2	mg/kg		2	mg/kg	0.0002 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
38		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
41		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
42		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
43		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
44		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
46		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
47		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
48		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
49		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
50		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
51		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
52		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
53		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
54		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
55		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
56		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
57		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
58		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
59		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
60		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
61		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
62		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]									
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
64		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
65		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
66		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
67		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
68		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
69		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
70		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									
72		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
73		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
74		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
75		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
76		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
77		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
78		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
79		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
80		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
81		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
82		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
83		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
84		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
85		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
86		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
87		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
88		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
89		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
90		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
91		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
92		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
93		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
94		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
95		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
96		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
97		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
98		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.105 %		

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 Deteminand - 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 At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0839%)

Classification of sample: BH01[3]

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

Sample details

Sample name:
BH01[3]
Sample Depth:
3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		3.5 mg/kg	1.32	4.621 mg/kg	0.000462 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.2 mg/kg	2.775	0.555 mg/kg	0.0000555 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		8.8 mg/kg	2.976	26.191 mg/kg	0.00262 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		30 mg/kg	1.245	37.341 mg/kg	0.00373 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
19		pH		PH		11.2	pH		11.2	pH	11.2 pH		
20		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
21		acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		acenaphthene	201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		fluorene	201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
24		phenanthrene	201-581-5	85-01-8		0.07	mg/kg		0.07	mg/kg	0.000007 %		
25		anthracene	204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		fluoranthene	205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
27		pyrene	204-927-3	129-00-0		0.11	mg/kg		0.11	mg/kg	0.000011 %		
28		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
30		benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.06	mg/kg		0.06	mg/kg	0.000006 %		
31		benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
32		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 %		
33		indeno[123-cd]pyrene	205-893-2	193-39-5		0.03	mg/kg		0.03	mg/kg	0.000003 %		
34		dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
35		benzo[ghi]perylene	205-883-8	191-24-2		0.03	mg/kg		0.03	mg/kg	0.000003 %		
36		vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
37		1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
39		1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
40		1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
41		1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
42		1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
43		1,3-dichloropropane	205-531-3	142-28-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44		2,2-dichloropropane	209-832-0	594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
71		dibromomethane 602-003-00-8 / 200-824-2 / 74-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
72		bromobenzene 602-060-00-9 / 203-623-8 / 108-86-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
73	●	n-butylbenzene 203-209-7 / 104-51-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
74	●	sec-butylbenzene 205-227-0 / 135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
75	●	tert-butylbenzene 202-632-4 / 98-06-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
76	●	carbazole 201-696-0 / 86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
77		carbon tetrachloride; tetrachloromethane 602-008-00-5 / 200-262-8 / 56-23-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
78		chlorobenzene 602-033-00-1 / 203-628-5 / 108-90-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
79		hexachlorobenzene 602-065-00-6 / 204-273-9 / 118-74-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
80		vinyl chloride; chloroethylene 602-023-00-7 / 200-831-0 / 75-01-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
81		dibutyl phthalate; DBP 607-318-00-4 / 201-557-4 / 84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
83		styrene 601-026-00-0 / 202-851-5 / 100-42-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
84	●	trans-1,3-dichloropropene 431-460-4 / 10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
85		BBP; benzyl butyl phthalate 607-430-00-3 / 201-622-7 / 85-68-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9 / 204-211-0 / 117-81-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
87	●	diethyl phthalate 201-550-6 / 84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
88	●	dimethyl phthalate 205-011-6 / 131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
89	●	di-n-octyl phthalate 204-214-7 / 117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
90		hexachlorocyclopentadiene 602-078-00-7 / 201-029-3 / 77-47-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
91	●	hexachlorobutadiene 201-765-5 / 87-68-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
92		pentachlorophenol 604-002-00-8 / 201-778-6 / 87-86-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
93	●	dibenzofuran 205-071-3 / 132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
94		chloroform; trichloromethane 602-006-00-4 / 200-663-8 / 67-66-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 / 208-826-5 [1] 233-195-8 [2] / 542-75-6 [1] 10061-01-5 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
96	●	bis(2-chloroethoxy)methane 203-920-2 / 111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
97		phenol 604-001-00-2 / 203-632-7 / 108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**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 Deteminand - 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: SA03

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

Sample details

Sample name:	LoW Code:
SA03	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.102%)

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.: 0.102%)

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.: 0.102%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.9 mg/kg	1.197	5.866 mg/kg	0.000587 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.2 mg/kg	1.32	12.147 mg/kg	0.00121 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.4 mg/kg	2.775	3.885 mg/kg	0.000389 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1 mg/kg	3.22	3.22 mg/kg	0.000322 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
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 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
7		copper { dicopper oxide; copper (I) oxide }				69	mg/kg	1.126	77.686	mg/kg	0.00777 %		
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	60	mg/kg	1.56	93.589	mg/kg	0.006 %		
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				29	mg/kg	2.976	86.312	mg/kg	0.00863 %		
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc oxide }				66	mg/kg	1.245	82.151	mg/kg	0.00822 %		
		030-013-00-7	215-222-5	1314-13-2									
13		TPH (C6 to C40) petroleum group				1021.3	mg/kg		1021.3	mg/kg	0.102 %		
				TPH									
14		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
15		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
16		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		pH				10	pH		10	pH	10pH		
				PH									
19		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			201-469-6	83-32-9									
22		fluorene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			201-695-5	86-73-7									
23		phenanthrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-581-5	85-01-8									
24		anthracene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			204-371-1	120-12-7									
25		fluoranthene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			205-912-4	206-44-0									
26		pyrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.84	mg/kg		0.84	mg/kg	0.000084 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			205-883-8	191-24-2									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
35		vanadium { divanadium pentaoxide; vanadium pentoxide }				56 mg/kg	1.785	99.97 mg/kg	0.01 %		
		023-001-00-8	215-239-8	1314-62-1							
								Total:	0.15 %		

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 Deteminand - 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: BH03B

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

Sample details

Sample name:	LoW Code:	
BH03B	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.571%)

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.: 0.571%)

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.: 0.571%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		3.9 mg/kg	1.32	5.149 mg/kg	0.000515 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.5 mg/kg	2.775	4.163 mg/kg	0.000416 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
7		copper { dicopper oxide; copper (I) oxide }				30	mg/kg	1.126	33.777	mg/kg	0.00338 %		
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				0.07	mg/kg	1.353	0.0947	mg/kg	0.00000947 %		
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				14	mg/kg	2.976	41.668	mg/kg	0.00417 %		
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc oxide }				70	mg/kg	1.245	87.13	mg/kg	0.00871 %		
		030-013-00-7	215-222-5	1314-13-2									
13		TPH (C6 to C40) petroleum group				5709.5	mg/kg		5709.5	mg/kg	0.571 %		
				TPH									
14		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
15		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
16		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		pH				10.8	pH		10.8	pH	10.8 pH		
				PH									
19		naphthalene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-469-6	83-32-9									
22		fluorene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-695-5	86-73-7									
23		phenanthrene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			201-581-5	85-01-8									
24		anthracene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			204-371-1	120-12-7									
25		fluoranthene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
			205-912-4	206-44-0									
26		pyrene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
			205-883-8	191-24-2									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
35		vanadium { divanadium pentaoxide; vanadium pentoxide }				21 mg/kg	1.785	37.489 mg/kg	0.00375 %		
		023-001-00-8	215-239-8	1314-62-1							
								Total:	0.598 %		

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 Deteminand - 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: OP03

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

Sample details

Sample name:
OP03
Sample Depth:
0.3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.2 mg/kg	1.197	1.437 mg/kg	0.000144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.6 mg/kg	1.32	11.355 mg/kg	0.00114 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.4 mg/kg	3.22	1.288 mg/kg	0.000129 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33 mg/kg	1.462	48.231 mg/kg	0.00482 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		45 mg/kg	1.245	56.012 mg/kg	0.0056 %		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
14	pH			PH		8.2 pH		8.2 pH	8.2 pH		
15	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35 mg/kg	1.785	62.481 mg/kg	0.00625 %		
								Total:	0.0353 %		

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 Deteminand - 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: OP04

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

Sample details

Sample name:
OP04
Sample Depth:
0.3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.1 mg/kg	1.197	1.317 mg/kg	0.000132 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.5 mg/kg	1.32	11.223 mg/kg	0.00112 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.9 mg/kg	2.775	2.498 mg/kg	0.00025 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18 mg/kg	1.126	20.266 mg/kg	0.00203 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		41 mg/kg	1.245	51.033 mg/kg	0.0051 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				7.9	pH		7.9	pH	7.9 pH		
				PH									
18		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0306 %		

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 Deteminand - 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: OP05

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

Sample details

Sample name:	LoW Code:
OP05	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.3 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.416%)

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.: 0.416%)

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.: 0.416%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		1.9 mg/kg	1.32	2.509 mg/kg	0.000251 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<0.2 mg/kg	2.775	<0.555 mg/kg	<0.0000555 %		<**LOD**
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
7		copper { dicopper oxide; copper (I) oxide }				11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
		029-002-00-X	215-270-7	1317-39-1									
8		lead { lead chromate }			1	9.6	mg/kg	1.56	14.974	mg/kg	0.00096 %		
		082-004-00-2	231-846-0	7758-97-6									
9		mercury { mercury dichloride }				<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
		080-010-00-X	231-299-8	7487-94-7									
10		nickel { nickel chromate }				11	mg/kg	2.976	32.739	mg/kg	0.00327 %		
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc oxide }				17	mg/kg	1.245	21.16	mg/kg	0.00212 %		
		030-013-00-7	215-222-5	1314-13-2									
13		TPH (C6 to C40) petroleum group				4160	mg/kg		4160	mg/kg	0.416 %		
				TPH									
14		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
15		pH				10.2	pH		10.2	pH	10.2 pH		
				PH									
16		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.429 %		

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 Deteminand - 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: OP06

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

Sample details

Sample name:
OP06
Sample Depth:
0.3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.7 mg/kg	1.197	2.035 mg/kg	0.000204 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.6 mg/kg	1.32	11.355 mg/kg	0.00114 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<0.2 mg/kg	2.775	<0.555 mg/kg	<0.0000555 %		<LOD
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	66 mg/kg	1.56	102.948 mg/kg	0.0066 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		7.4 mg/kg	2.976	22.024 mg/kg	0.0022 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		72 mg/kg	1.245	89.619 mg/kg	0.00896 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
19		pH				9.3	pH		9.3	pH	9.3 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
24		phenanthrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-371-1	120-12-7									
26		fluoranthene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-912-4	206-44-0									
27		pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-927-3	129-00-0									
28		benzo[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				11	mg/kg	1.785	19.637	mg/kg	0.00196 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0267 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - 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: TP01

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

Sample details

Sample name:
TP01
Sample Depth:
0.2 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.6 mg/kg	1.197	1.915 mg/kg	0.000192 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.3 mg/kg	2.775	0.833 mg/kg	0.0000833 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		75 mg/kg	1.126	84.442 mg/kg	0.00844 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	53 mg/kg	1.56	82.67 mg/kg	0.0053 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12 mg/kg	2.976	35.715 mg/kg	0.00357 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		31 mg/kg	1.245	38.586 mg/kg	0.00386 %		
14	TPH (C6 to C40) petroleum group			TPH		970.4 mg/kg		970.4 mg/kg	0.097 %		
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<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]									
19		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 }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
20		pH				9	pH		9	pH	9pH		
				PH									
21		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			201-581-5	85-01-8									
26		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-912-4	206-44-0									
28		pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
38		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
41		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
42		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
43		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
44		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
46		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
47		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
48		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
49		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
50		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
51		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
52		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
53		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
54		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
55		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
56		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
57		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
58		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
59		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
60		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
61		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
62		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]									
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
64		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
65		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
66		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
67		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
68		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
69		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
70		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromochloromethane	204-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
72		dibromomethane	200-824-2	74-95-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
73		bromobenzene	203-623-8	108-86-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
74		n-butylbenzene	203-209-7	104-51-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
75		sec-butylbenzene	205-227-0	135-98-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
76		tert-butylbenzene	202-632-4	98-06-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
77		carbazole	201-696-0	86-74-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
78		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79		chlorobenzene	203-628-5	108-90-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
80		hexachlorobenzene	204-273-9	118-74-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
81		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
82		dibutyl phthalate; DBP	201-557-4	84-74-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
83		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84		styrene	202-851-5	100-42-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
85		trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86		BBP; benzyl butyl phthalate	201-622-7	85-68-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
87		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	204-211-0	117-81-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
88		diethyl phthalate	201-550-6	84-66-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
89		dimethyl phthalate	205-011-6	131-11-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
90		di-n-octyl phthalate	204-214-7	117-84-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
91		hexachlorocyclopentadiene	201-029-3	77-47-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
92		hexachlorobutadiene	201-765-5	87-68-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93		pentachlorophenol	201-778-6	87-86-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
94		dibenzofuran	205-071-3	132-64-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
95		chloroform; trichloromethane	200-663-8	67-66-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
96		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
97		bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
98		phenol	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
										Total:	0.126 %		

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 Deteminand - 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 At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.097%)

Classification of sample: TP01[2]

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

Sample details

Sample name:
TP01[2]
Sample Depth:
0.5 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8 mg/kg	1.32	10.563 mg/kg	0.00106 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<0.2 mg/kg	2.775	<0.555 mg/kg	<0.0000555 %		<LOD
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	66 mg/kg	1.56	102.948 mg/kg	0.0066 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		8.4 mg/kg	2.976	25.001 mg/kg	0.0025 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		45 mg/kg	1.245	56.012 mg/kg	0.0056 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
19		pH				8.7	pH		8.7	pH	8.7 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
26		fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-912-4	206-44-0									
27		pyrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			204-927-3	129-00-0									
28		benzo[a]anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0239 %		

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 Deteminand - 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: TP01[3]

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

Sample details

Sample name:
TP01[3]
Sample Depth:
0.8 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.2 mg/kg	1.197	1.437 mg/kg	0.000144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.5 mg/kg	2.775	1.388 mg/kg	0.000139 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	45 mg/kg	1.56	70.192 mg/kg	0.0045 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		43 mg/kg	1.245	53.523 mg/kg	0.00535 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
19		pH		PH		8.1	pH		8.1	pH	8.1 pH		
20		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
21		acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		acenaphthene	201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		fluorene	201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
24		phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		anthracene	204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
28		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
30		benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
31		benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
32		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
33		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
34		dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
35		benzo[ghi]perylene	205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
36		vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		28	mg/kg	1.785	49.985	mg/kg	0.005 %		
37		1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
39		1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
40		1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
41		1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
42		1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
43		1,3-dichloropropane	205-531-3	142-28-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44		2,2-dichloropropane	209-832-0	594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
71		dibromomethane 602-003-00-8 / 200-824-2 / 74-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72		bromobenzene 602-060-00-9 / 203-623-8 / 108-86-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73		n-butylbenzene 203-209-7 / 104-51-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
74		sec-butylbenzene 205-227-0 / 135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75		tert-butylbenzene 202-632-4 / 98-06-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76		carbazole 201-696-0 / 86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
77		carbon tetrachloride; tetrachloromethane 602-008-00-5 / 200-262-8 / 56-23-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78		chlorobenzene 602-033-00-1 / 203-628-5 / 108-90-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79		hexachlorobenzene 602-065-00-6 / 204-273-9 / 118-74-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
80		vinyl chloride; chloroethylene 602-023-00-7 / 200-831-0 / 75-01-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81		dibutyl phthalate; DBP 607-318-00-4 / 201-557-4 / 84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83		styrene 601-026-00-0 / 202-851-5 / 100-42-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
84		trans-1,3-dichloropropene 431-460-4 / 10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85		BBP; benzyl butyl phthalate 607-430-00-3 / 201-622-7 / 85-68-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9 / 204-211-0 / 117-81-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
87		diethyl phthalate 201-550-6 / 84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
88		dimethyl phthalate 205-011-6 / 131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
89		di-n-octyl phthalate 204-214-7 / 117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
90		hexachlorocyclopentadiene 602-078-00-7 / 201-029-3 / 77-47-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
91		hexachlorobutadiene 201-765-5 / 87-68-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92		pentachlorophenol 604-002-00-8 / 201-778-6 / 87-86-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
93		dibenzofuran 205-071-3 / 132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
94		chloroform; trichloromethane 602-006-00-4 / 200-663-8 / 67-66-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5 / 208-826-5 [1] 233-195-8 [2] / 542-75-6 [1] 10061-01-5 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96		bis(2-chloroethoxy)methane 203-920-2 / 111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
97		phenol 604-001-00-2 / 203-632-7 / 108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
						Total:	0.029 %		

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 Deteminand - 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: TP02

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

Sample details

Sample name:
TP02
Sample Depth:
0.45 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6.3 mg/kg	1.32	8.318 mg/kg	0.000832 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.4 mg/kg	2.775	1.11 mg/kg	0.000111 %		
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 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16 mg/kg	1.126	18.014 mg/kg	0.0018 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		37 mg/kg	1.245	46.054 mg/kg	0.00461 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
19		pH				7.5	pH		7.5	pH	7.5 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-371-1	120-12-7									
26		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
27		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
28		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.024 %		

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 Deteminand - 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: TP03

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

Sample details

Sample name:	LoW Code:	
TP03	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.2 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.174%)

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.: 0.174%)

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.: 0.174%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.7 mg/kg	1.197	2.035 mg/kg	0.000204 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.2 mg/kg	1.32	6.866 mg/kg	0.000687 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.3 mg/kg	2.775	0.833 mg/kg	0.0000833 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.9 mg/kg	3.22	2.898 mg/kg	0.00029 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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 %		

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34	mg/kg	1.126	38.28	mg/kg	0.00383 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	52	mg/kg	1.56	81.11	mg/kg	0.0052 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18	mg/kg	2.976	53.573	mg/kg	0.00536 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		42	mg/kg	1.245	52.278	mg/kg	0.00523 %		
13	TPH (C6 to C40) petroleum group			TPH		1736.2	mg/kg		1736.2	mg/kg	0.174 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18	pH			PH		11.1	pH		11.1	pH	11.1 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22	fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23	phenanthrene		201-581-5	85-01-8		0.12	mg/kg		0.12	mg/kg	0.000012 %		
24	anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
25	fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.17	mg/kg	0.000017 %		
26	pyrene		204-927-3	129-00-0		0.18	mg/kg		0.18	mg/kg	0.000018 %		
27	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
28	chrysene	601-048-00-0	205-923-4	218-01-9		0.09	mg/kg		0.09	mg/kg	0.000009 %		
29	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.25	mg/kg		0.25	mg/kg	0.000025 %		
30	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
31	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.16	mg/kg		0.16	mg/kg	0.000016 %		
32	indeno[123-cd]pyrene		205-893-2	193-39-5		0.12	mg/kg		0.12	mg/kg	0.000012 %		
33	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
34	benzo[ghi]perylene		205-883-8	191-24-2		0.21	mg/kg		0.21	mg/kg	0.000021 %		

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
35		vanadium { divanadium pentaoxide; vanadium pentoxide }				33 mg/kg	1.785	58.911 mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1							
								Total:	0.204 %		

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 Deteminand - 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: TP06

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

Sample details

Sample name:
TP06
Sample Depth:
0.8 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.7 mg/kg	2.775	1.943 mg/kg	0.000194 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	10 mg/kg	1.56	15.598 mg/kg	0.001 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		46 mg/kg	1.245	57.257 mg/kg	0.00573 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
19		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
26		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
27		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
28		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.029 %		

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 Deteminand - 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: TP07

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

Sample details

Sample name:	LoW Code:	
TP07	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

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

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

Hazard Statements hit:

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

Because of determinand:

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

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

Hazard Statements hit:

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

Because of determinand:

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

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.8 mg/kg	1.32	6.338 mg/kg	0.000634 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<0.2 mg/kg	2.775	<0.555 mg/kg	<0.0000555 %		<**LOD**
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
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	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
8		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14	mg/kg	1.126	15.762	mg/kg	0.00158 %		
9		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	9.4	mg/kg	1.56	14.662	mg/kg	0.00094 %		
10		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
11		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12	mg/kg	2.976	35.715	mg/kg	0.00357 %		
12		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
13		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		23	mg/kg	1.245	28.628	mg/kg	0.00286 %		
14		TPH (C6 to C40) petroleum group			TPH		2598.7	mg/kg		2598.7	mg/kg	0.26 %		
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
20		pH			PH		11	pH		11	pH	11pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		acenaphthene		201-469-6	83-32-9		0.17	mg/kg		0.17	mg/kg	0.000017 %		
24		fluorene		201-695-5	86-73-7		0.12	mg/kg		0.12	mg/kg	0.000012 %		
25		phenanthrene		201-581-5	85-01-8		0.66	mg/kg		0.66	mg/kg	0.000066 %		
26		anthracene		204-371-1	120-12-7		0.24	mg/kg		0.24	mg/kg	0.000024 %		
27		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
28		pyrene		204-927-3	129-00-0		1.4	mg/kg		1.4	mg/kg	0.00014 %		
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.68	mg/kg		0.68	mg/kg	0.000068 %		
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.4	mg/kg	0.00004 %		
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.81	mg/kg		0.81	mg/kg	0.000081 %		
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.34	mg/kg		0.34	mg/kg	0.000034 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
33		benzo[a]pyrene; benzo[def]chrysene				0.68	mg/kg		0.68	mg/kg	0.000068 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
38		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
41		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
42		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
43		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
44		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
45		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
46		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
47		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
48		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
49		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
50		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
51		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
52		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
53		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
54		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
55		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
56		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
57		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
58		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
59		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
60		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
61		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
62		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]									
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
64		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
65		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
66		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
67		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
68		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
69		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
70		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
71		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									
72		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-003-00-8	200-824-2	74-95-3									
73		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-060-00-9	203-623-8	108-86-1									
74		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			203-209-7	104-51-8									
75		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-227-0	135-98-8									
76		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-632-4	98-06-6									
77		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-696-0	86-74-8									
78		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
79		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-033-00-1	203-628-5	108-90-7									
80		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
81		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
82		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-318-00-4	201-557-4	84-74-2									
83		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
84		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-026-00-0	202-851-5	100-42-5									
85		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			431-460-4	10061-02-6									
86		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-430-00-3	201-622-7	85-68-7									
87		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		607-317-00-9	204-211-0	117-81-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
88		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-550-6	84-66-2									
89		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-011-6	131-11-3									
90		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-214-7	117-84-0									
91		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-078-00-7	201-029-3	77-47-4									
92		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-765-5	87-68-3									
93		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-002-00-8	201-778-6	87-86-5									
94		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-071-3	132-64-9									
95		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-006-00-4	200-663-8	67-66-3									
96		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
97		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			203-920-2	111-91-1									
98		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.278 %		

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 Deteminand - 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: TS06A

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

Sample details

Sample name:
TS06A
Sample Depth:
0.6 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9 mg/kg	1.32	11.883 mg/kg	0.00119 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.7 mg/kg	2.775	1.943 mg/kg	0.000194 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		44 mg/kg	1.245	54.767 mg/kg	0.00548 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				8.5	pH		8.5	pH	8.5 pH		
				PH									
18		naphthalene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0293 %		

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 Deteminand - 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: TS16

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

Sample details

Sample name:
TS16
Sample Depth:
0.5 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.6 mg/kg	1.197	1.915 mg/kg	0.000192 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.9 mg/kg	1.32	13.071 mg/kg	0.00131 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.4 mg/kg	2.775	1.11 mg/kg	0.000111 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	62 mg/kg	1.56	96.709 mg/kg	0.0062 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		62 mg/kg	1.245	77.172 mg/kg	0.00772 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				8	pH		8	pH	8pH		
				PH									
18		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			205-912-4	206-44-0									
25		pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0313 %		

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 Deteminand - 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: WS02

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

Sample details

Sample name:
WS02
Sample Depth:
0.4 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6.6 mg/kg	1.32	8.714 mg/kg	0.000871 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.5 mg/kg	2.775	1.388 mg/kg	0.000139 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		40 mg/kg	1.245	49.789 mg/kg	0.00498 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
19		pH				7.9	pH		7.9	pH	7.9 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
			205-917-1	208-96-8									
22		acenaphthene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
			201-469-6	83-32-9									
23		fluorene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			201-695-5	86-73-7									
24		phenanthrene				18	mg/kg		18	mg/kg	0.0018 %		
			201-581-5	85-01-8									
25		anthracene				4.7	mg/kg		4.7	mg/kg	0.00047 %		
			204-371-1	120-12-7									
26		fluoranthene				25	mg/kg		25	mg/kg	0.0025 %		
			205-912-4	206-44-0									
27		pyrene				22	mg/kg		22	mg/kg	0.0022 %		
			204-927-3	129-00-0									
28		benzo[a]anthracene				9.9	mg/kg		9.9	mg/kg	0.00099 %		
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				7.2	mg/kg		7.2	mg/kg	0.00072 %		
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				11	mg/kg		11	mg/kg	0.0011 %		
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				8.2	mg/kg		8.2	mg/kg	0.00082 %		
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				6.4	mg/kg		6.4	mg/kg	0.00064 %		
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				0.7	mg/kg		0.7	mg/kg	0.00007 %		
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0384 %		

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 Deteminand - 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: WS05

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

Sample details

Sample name:	LoW Code:	
WS05	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.279%)

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.: 0.279%)

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.: 0.279%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.1 mg/kg	1.197	1.317 mg/kg	0.000132 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.5 mg/kg	1.32	12.543 mg/kg	0.00125 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.7 mg/kg	2.775	1.943 mg/kg	0.000194 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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 %		

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
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	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14	mg/kg	1.56	21.837	mg/kg	0.0014 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34	mg/kg	2.976	101.193	mg/kg	0.0101 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		40	mg/kg	1.245	49.789	mg/kg	0.00498 %		
14	TPH (C6 to C40) petroleum group			TPH		2790	mg/kg		2790	mg/kg	0.279 %		
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
20	pH			PH		9.1	pH		9.1	pH	9.1 pH		
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23	acenaphthene		201-469-6	83-32-9		0.07	mg/kg		0.07	mg/kg	0.000007 %		
24	fluorene		201-695-5	86-73-7		0.06	mg/kg		0.06	mg/kg	0.000006 %		
25	phenanthrene		201-581-5	85-01-8		0.61	mg/kg		0.61	mg/kg	0.000061 %		
26	anthracene		204-371-1	120-12-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
27	fluoranthene		205-912-4	206-44-0		0.81	mg/kg		0.81	mg/kg	0.000081 %		
28	pyrene		204-927-3	129-00-0		1	mg/kg		1	mg/kg	0.0001 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4	mg/kg		0.4	mg/kg	0.00004 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.48	mg/kg		0.48	mg/kg	0.000048 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.89	mg/kg		0.89	mg/kg	0.000089 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.24	mg/kg		0.24	mg/kg	0.000024 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
33		benzo[a]pyrene; benzo[def]chrysene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
			205-883-8	191-24-2									
37		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
38		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
41		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
42		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
43		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
44		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
45		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									
46		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
47		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
48		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
49		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
50		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
51		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
52		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
53		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
54		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
55		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
56		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
57		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
58		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
59		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
60		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
61		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
62		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]							
63		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		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]							
64		4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3							
65		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7							
66		4-isopropyltoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6							
67		4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7							
68		bromoform; tribromomethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2							
69		bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4							
70		bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5							
71		dibromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1							
72		dibromomethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-003-00-8	200-824-2	74-95-3							
73		bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-060-00-9	203-623-8	108-86-1							
74		n-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			203-209-7	104-51-8							
75		sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			205-227-0	135-98-8							
76		tert-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			202-632-4	98-06-6							
77		carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
			201-696-0	86-74-8							
78		carbon tetrachloride; tetrachloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5							
79		chlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-033-00-1	203-628-5	108-90-7							
80		hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1							
81		vinyl chloride; chloroethylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4							
82		dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		607-318-00-4	201-557-4	84-74-2							
83		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4							
84		styrene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
		601-026-00-0	202-851-5	100-42-5							
85		trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
			431-460-4	10061-02-6							
86		BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		607-430-00-3	201-622-7	85-68-7							
87		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
		607-317-00-9	204-211-0	117-81-7							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
88		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-550-6	84-66-2									
89		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-011-6	131-11-3									
90		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-214-7	117-84-0									
91		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-078-00-7	201-029-3	77-47-4									
92		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-765-5	87-68-3									
93		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-002-00-8	201-778-6	87-86-5									
94		dibenzofuran				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-071-3	132-64-9									
95		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-006-00-4	200-663-8	67-66-3									
96		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
97		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			203-920-2	111-91-1									
98		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.311 %		

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 Deteminand - 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: WS06

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

Sample details

Sample name:
WS06
Sample Depth:
0.8 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.1 mg/kg	1.197	1.317 mg/kg	0.000132 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.8 mg/kg	2.775	2.22 mg/kg	0.000222 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		48 mg/kg	1.245	59.746 mg/kg	0.00597 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
19		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-371-1	120-12-7									
26		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
27		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
28		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.033 %		

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 Deteminand - 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: WS08

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

Sample details

Sample name:	LoW Code:	
WS08	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony trioxide } 051-005-00-X / 215-175-0 / 1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<**LOD**
2		arsenic { arsenic trioxide } 033-003-00-0 / 215-481-4 / 1327-53-3		3.1 mg/kg	1.32	4.093 mg/kg	0.000409 %		
3		beryllium { beryllium oxide } 004-003-00-8 / 215-133-1 / 1304-56-9		0.6 mg/kg	2.775	1.665 mg/kg	0.000167 %		
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 oxide } 048-002-00-0 / 215-146-2 / 1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		7.2 mg/kg	1.462	10.523 mg/kg	0.00105 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<**LOD**
8		copper { dicopper oxide; copper (I) oxide } 029-002-00-X / 215-270-7 / 1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
9		lead { lead chromate } 082-004-00-2 / 231-846-0 / 7758-97-6	1	13 mg/kg	1.56	20.278 mg/kg	0.0013 %		
10		mercury { mercury dichloride } 080-010-00-X / 231-299-8 / 7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
11		nickel { nickel chromate } 028-035-00-7 / 238-766-5 / 14721-18-7		9.1 mg/kg	2.976	27.084 mg/kg	0.00271 %		
12		selenium { nickel selenate } 028-031-00-5 / 239-125-2 / 15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
13		zinc { zinc oxide } 030-013-00-7 / 215-222-5 / 1314-13-2		36 mg/kg	1.245	44.81 mg/kg	0.00448 %		
14		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
17		xylene 601-022-00-9 / 202-422-2 [1] 203-396-5 [2] / 95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
19		pH		PH		9.1	pH		9.1	pH	9.1 pH		
20		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
21		acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		acenaphthene	201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		fluorene	201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
24		phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		anthracene	204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		fluoranthene	205-912-4	206-44-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
27		pyrene	204-927-3	129-00-0		0.08	mg/kg		0.08	mg/kg	0.000008 %		
28		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
30		benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.03	mg/kg		0.03	mg/kg	0.000003 %		
31		benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
32		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
33		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
34		dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
35		benzo[ghi]perylene	205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
36		vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
37		1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
39		1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
40		1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
41		1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
42		1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
43		1,3-dichloropropane	205-531-3	142-28-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44		2,2-dichloropropane	209-832-0	594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0165 %		

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 Deteminand - 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: BH03

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

Sample details

Sample name:
BH03
Sample Depth:
0.4 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.4 mg/kg	1.197	1.676 mg/kg	0.000168 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		3.5 mg/kg	1.32	4.621 mg/kg	0.000462 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.3 mg/kg	2.775	0.833 mg/kg	0.0000833 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		9 mg/kg	2.976	26.786 mg/kg	0.00268 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		36 mg/kg	1.245	44.81 mg/kg	0.00448 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				11.1	pH		11.1	pH	11.1 pH		
				PH									
18		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			205-912-4	206-44-0									
25		pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0186 %		

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 Deteminand - 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: BH03A

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

Sample details

Sample name:
BH03A
Sample Depth:
0.4 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.9 mg/kg	1.32	7.79 mg/kg	0.000779 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.3 mg/kg	2.775	0.833 mg/kg	0.0000833 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	81 mg/kg	1.56	126.345 mg/kg	0.0081 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		8.2 mg/kg	2.976	24.405 mg/kg	0.00244 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		59 mg/kg	1.245	73.438 mg/kg	0.00734 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				10.4	pH		10.4	pH	10.4 pH		
				PH									
18		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-912-4	206-44-0									
25		pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0284 %		

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 Deteminand - 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: TP06[2]

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

Sample details

Sample name:
TP06[2]
Sample Depth:
0.3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6.5 mg/kg	1.32	8.582 mg/kg	0.000858 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.2 mg/kg	2.775	0.555 mg/kg	0.0000555 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.1 mg/kg	1.462	10.377 mg/kg	0.00104 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		11 mg/kg	1.126	12.385 mg/kg	0.00124 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		7.7 mg/kg	2.976	22.917 mg/kg	0.00229 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		31 mg/kg	1.245	38.586 mg/kg	0.00386 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				8.6	pH		8.6	pH	8.6 pH		
				PH									
18		naphthalene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-917-1	208-96-8									
20		acenaphthene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
			201-469-6	83-32-9									
21		fluorene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
			201-695-5	86-73-7									
22		phenanthrene				12	mg/kg		12	mg/kg	0.0012 %		
			201-581-5	85-01-8									
23		anthracene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			204-371-1	120-12-7									
24		fluoranthene				9.2	mg/kg		9.2	mg/kg	0.00092 %		
			205-912-4	206-44-0									
25		pyrene				8.1	mg/kg		8.1	mg/kg	0.00081 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.99	mg/kg		0.99	mg/kg	0.000099 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				2	mg/kg		2	mg/kg	0.0002 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.88	mg/kg		0.88	mg/kg	0.000088 %		
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0201 %		

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 Deteminand - 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: WS01

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

Sample details

Sample name:
WS01
Sample Depth:
0.3 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.6 mg/kg	1.32	10.034 mg/kg	0.001 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.4 mg/kg	2.775	1.11 mg/kg	0.000111 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	68 mg/kg	1.56	106.067 mg/kg	0.0068 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides,					<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
		ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }											
		006-007-00-5											
18		pH				8.6	pH		8.6	pH	8.6 pH		
				PH									
19		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			201-469-6	83-32-9									
22		fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
23		phenanthrene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			201-581-5	85-01-8									
24		anthracene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			204-371-1	120-12-7									
25		fluoranthene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			205-912-4	206-44-0									
26		pyrene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-883-8	191-24-2									
35		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0398 %		

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 Deteminand - 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: TP07[2]

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

Sample details

Sample name:
TP07[2]
Sample Depth:
1.8 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.1 mg/kg	1.197	1.317 mg/kg	0.000132 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.2 mg/kg	1.32	12.147 mg/kg	0.00121 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.8 mg/kg	2.775	2.22 mg/kg	0.000222 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	10 mg/kg	1.56	15.598 mg/kg	0.001 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32 mg/kg	2.976	95.24 mg/kg	0.00952 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		49 mg/kg	1.245	60.991 mg/kg	0.0061 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
19		pH				8.3	pH		8.3	pH	8.3 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
26		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
27		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
28		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0313 %		

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 Deteminand - 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: WS02[2]

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

Sample details

Sample name:	LoW Code:	
WS02[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.2 mg/kg	1.197	1.437 mg/kg	0.000144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.3 mg/kg	1.32	10.959 mg/kg	0.0011 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.8 mg/kg	2.775	2.22 mg/kg	0.000222 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<**LOD**
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		52 mg/kg	1.245	64.725 mg/kg	0.00647 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
19		pH		PH		8.3	pH		8.3	pH	8.3 pH		
20		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
21		acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		acenaphthene	201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		fluorene	201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
24		phenanthrene	201-581-5	85-01-8		0.26	mg/kg		0.26	mg/kg	0.000026 %		
25		anthracene	204-371-1	120-12-7		0.06	mg/kg		0.06	mg/kg	0.000006 %		
26		fluoranthene	205-912-4	206-44-0		0.33	mg/kg		0.33	mg/kg	0.000033 %		
27		pyrene	204-927-3	129-00-0		0.29	mg/kg		0.29	mg/kg	0.000029 %		
28		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.18	mg/kg		0.18	mg/kg	0.000018 %		
29		chrysene 601-048-00-0	205-923-4	218-01-9		0.09	mg/kg		0.09	mg/kg	0.000009 %		
30		benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.12	mg/kg		0.12	mg/kg	0.000012 %		
31		benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.06	mg/kg		0.06	mg/kg	0.000006 %		
32		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.08	mg/kg		0.08	mg/kg	0.000008 %		
33		indeno[123-cd]pyrene	205-893-2	193-39-5		0.04	mg/kg		0.04	mg/kg	0.000004 %		
34		dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
35		benzo[ghi]perylene	205-883-8	191-24-2		0.04	mg/kg		0.04	mg/kg	0.000004 %		
36		vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
37		1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
39		1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
40		1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
41		1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
42		1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
43		1,3-dichloropropane	205-531-3	142-28-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44		2,2-dichloropropane	209-832-0	594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
71		dibromomethane	602-003-00-8	200-824-2	74-95-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
72		bromobenzene	602-060-00-9	203-623-8	108-86-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
73		n-butylbenzene		203-209-7	104-51-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
74		sec-butylbenzene		205-227-0	135-98-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
75		tert-butylbenzene		202-632-4	98-06-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
76		carbazole		201-696-0	86-74-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
77		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
78		chlorobenzene	602-033-00-1	203-628-5	108-90-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
79		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
80		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
81		dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
83		styrene	601-026-00-0	202-851-5	100-42-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
84		trans-1,3-dichloropropene		431-460-4	10061-02-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
85		BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
87		diethyl phthalate		201-550-6	84-66-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
88		dimethyl phthalate		205-011-6	131-11-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
89		di-n-octyl phthalate		204-214-7	117-84-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
90		hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
91		hexachlorobutadiene		201-765-5	87-68-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
92		pentachlorophenol	604-002-00-8	201-778-6	87-86-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
93		dibenzofuran		205-071-3	132-64-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
94		chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
96		bis(2-chloroethoxy)methane		203-920-2	111-91-1		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
97		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
											Total:	0.0332 %		

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 Deteminand - 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: WS03

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

Sample details

Sample name:
WS03
Sample Depth:
0.5 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1 mg/kg	1.197	1.197 mg/kg	0.00012 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.6 mg/kg	1.32	11.355 mg/kg	0.00114 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.8 mg/kg	2.775	2.22 mg/kg	0.000222 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30 mg/kg	1.462	43.847 mg/kg	0.00438 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
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 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		53 mg/kg	1.245	65.97 mg/kg	0.0066 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
19		pH				8.2	pH		8.2	pH	8.2 pH		
				PH									
20		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
22		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
23		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
24		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
25		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
26		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
27		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
28		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
29		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
30		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
31		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
32		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
33		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
34		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
35		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
36		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
37		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
38		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
39		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
40		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
41		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
42		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
43		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									
44		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			209-832-0	594-20-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0325 %		

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 Deteminand - 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: WS07

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

Sample details

Sample name:	LoW Code:	
WS07	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<1 mg/kg	1.197	<1.197 mg/kg	<0.00012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.8 mg/kg	2.775	2.22 mg/kg	0.000222 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30 mg/kg	1.462	43.847 mg/kg	0.00438 %		
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 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<**LOD**
8	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
9	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
10	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.46 mg/kg	1.353	0.623 mg/kg	0.0000623 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32 mg/kg	2.976	95.24 mg/kg	0.00952 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		51 mg/kg	1.245	63.48 mg/kg	0.00635 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
19		pH		PH		8.4	pH		8.4	pH	8.4 pH		
20		naphthalene 601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
21		acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		acenaphthene	201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
23		fluorene	201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
24		phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
25		anthracene	204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
27		pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
28		benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
29		chrysene 601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
30		benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
31		benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
32		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
33		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
34		dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
35		benzo[ghi]perylene	205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
36		vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8	215-239-8	1314-62-1		35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
37		1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
38		1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
39		1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
40		1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
41		1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
42		1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
43		1,3-dichloropropane	205-531-3	142-28-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
44		2,2-dichloropropane	209-832-0	594-20-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
45		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
47		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
48		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-757-1	87-61-6									
49		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
50		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
51		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
52		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
53		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
54		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
55		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
56		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
57		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
58		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
59		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
60		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
61		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]									
62		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
63		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
64		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
65		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
66		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
67		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
68		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
69		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
70		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
71		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
72		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
73		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
74		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
75		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									
76		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
77		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
78		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
79		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
80		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
81		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
82		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
83		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
84		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
88		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
89		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
90		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
91		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
92		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
93		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
94		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
95		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
96		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
97		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0339 %		

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 Deteminand - 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: BH04

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

Sample details

Sample name:
BH04
Sample Depth:
0.4 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.4 mg/kg	1.197	1.676 mg/kg	0.000168 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8 mg/kg	1.32	10.563 mg/kg	0.00106 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.7 mg/kg	2.775	1.943 mg/kg	0.000194 %		
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 oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		47 mg/kg	1.245	58.502 mg/kg	0.00585 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
18		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-883-8	191-24-2									
34		vanadium { divanadium pentaoxide; vanadium pentoxide }				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0281 %		

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 Deteminand - 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: SA01

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

Sample details

Sample name:
SA01
Sample Depth:
0.2 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		9.7 mg/kg	1.197	11.612 mg/kg	0.00116 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		49 mg/kg	1.32	64.696 mg/kg	0.00647 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		4 mg/kg	2.775	11.101 mg/kg	0.00111 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		2.4 mg/kg	3.22	7.728 mg/kg	0.000773 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290 mg/kg	1.126	326.508 mg/kg	0.0327 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	440 mg/kg	1.56	686.319 mg/kg	0.044 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.44 mg/kg	1.353	0.596 mg/kg	0.0000596 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		63 mg/kg	2.976	187.505 mg/kg	0.0188 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		820 mg/kg	1.245	1020.665 mg/kg	0.102 %		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
14	pH			PH		8 pH		8 pH	8pH		
15	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		71 mg/kg	1.785	126.748 mg/kg	0.0127 %		
16	phenol	604-001-00-2	203-632-7	108-95-2		1 mg/kg		1 mg/kg	0.0001 %		
								Total:	0.225 %		

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 Deteminand - 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: TP04A

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

Sample details

Sample name:
TP04A
Sample Depth:
2 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.5 mg/kg	1.197	7.781 mg/kg	0.000778 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.9 mg/kg	2.775	2.498 mg/kg	0.00025 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		2.1 mg/kg	3.22	6.762 mg/kg	0.000676 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		58 mg/kg	1.126	65.302 mg/kg	0.00653 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	89 mg/kg	1.56	138.824 mg/kg	0.0089 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		95 mg/kg	1.245	118.248 mg/kg	0.0118 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		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 }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		pH				9.4	pH		9.4	pH	9.4 pH		
				PH									
19		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-581-5	85-01-8									
24		anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-912-4	206-44-0									
26		pyrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-883-8	191-24-2									
35		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
		023-001-00-8	215-239-8	1314-62-1									
36		phenol				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0472 %		

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 Deteminand - 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: TS07

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

Sample details

Sample name:
TS07
Sample Depth:
0.2 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.4 mg/kg	1.197	5.267 mg/kg	0.000527 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.5 mg/kg	2.775	1.388 mg/kg	0.000139 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.576 mg/kg	0.000258 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.8 mg/kg	1.142	0.914 mg/kg	0.0000914 %		
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	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		97 mg/kg	1.126	109.211 mg/kg	0.0109 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	130 mg/kg	1.56	202.776 mg/kg	0.013 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18 mg/kg	2.976	53.573 mg/kg	0.00536 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		250 mg/kg	1.245	311.178 mg/kg	0.0311 %		
13	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
14	pH			PH		8.7 pH		8.7 pH	8.7 pH		
15	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20 mg/kg	1.785	35.704 mg/kg	0.00357 %		
16	phenol	604-001-00-2	203-632-7	108-95-2		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**
								Total:	0.0687 %		

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 Deteminand - 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: TS15

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

Sample details

Sample name:
TS15
Sample Depth:
0.2 m

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

Hazard properties

None identified

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		1.6 mg/kg	1.197	1.915 mg/kg	0.000192 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		0.6 mg/kg	2.775	1.665 mg/kg	0.000167 %		
4	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.3 mg/kg	3.22	0.966 mg/kg	0.0000966 %		
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.2 mg/kg	1.142	0.228 mg/kg	0.0000228 %		
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		56 mg/kg	1.245	69.704 mg/kg	0.00697 %		
13	TPH (C6 to C40) petroleum group			TPH		280 mg/kg		280 mg/kg	0.028 %		
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		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 }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
		006-007-00-5											
19		pH				8.5	pH		8.5	pH	8.5 pH		
				PH									
20		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
21		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-371-1	120-12-7									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
		023-001-00-8	215-239-8	1314-62-1									
33		1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			211-135-1	630-20-6									
34		1,1,1-trichloroethane; methyl chloroform				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
35		1,1,2-trichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
36		1,1-dichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
37		1,2-dichloroethane; ethylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
38		1,2-dichloropropane; propylene dichloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
39		1,3-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-531-3	142-28-9									
40		2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			209-832-0	594-20-7									
41		1,1-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
42		2,4,5-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
43		2,4,6-trichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
44		1,2,3-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-757-1	87-61-6									
45		1,2,4-trichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-087-00-6	204-428-0	120-82-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
46		1,2,3-trichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
47		1,2,4-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
48		1,2-dibromo-3-chloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
49		1,2-dibromoethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
50		1,2-dichlorobenzene; o-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
51		1,4-dichlorobenzene; p-dichlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
52		mesitylene; 1,3,5-trimethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
53		2,4-dichlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
54		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
55		2,6-dinitrotoluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
56		2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-079-9	91-58-7									
57		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]									
58		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		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]									
59		4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			202-952-4	101-55-3									
60		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
61		4-isopropyltoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-796-7	99-87-6									
62		4-nitrophenol; p-nitrophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
63		bromoform; tribromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
64		bromodichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-856-7	75-27-4									
65		bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-826-3	74-97-5									
66		dibromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-704-0	124-48-1									
67		dibromomethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
68		bromobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
69		n-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-209-7	104-51-8									
70		sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-227-0	135-98-8									
71		tert-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-632-4	98-06-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-696-0	86-74-8									
73		carbon tetrachloride; tetrachloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
74		chlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
75		hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
76		vinyl chloride; chloroethylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
77		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
78		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
79		styrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		trans-1,3-dichloropropene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			431-460-4	10061-02-6									
81		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
82		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
83		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
84		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
85		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
86		hexachlorocyclopentadiene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
87		hexachlorobutadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-765-5	87-68-3									
88		pentachlorophenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
89		dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-071-3	132-64-9									
90		chloroform; trichloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
91		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
92		bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			203-920-2	111-91-1									
93		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0603 %		

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 Deteminand - 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 At this concentration TPH is sufficiently dilute that combustion is unlikely

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.028%)

Appendix A: Classifier defined and non CLP determinands

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

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

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

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

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

1,1,1,2-tetrachloroethane (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , Eye Dam. 1 H318 , Acute Tox. 4 H332 , Carc. 2 H351 , Acute Tox. 4 H312 , Aquatic Chronic 3 H412 , Skin Irrit. 2 H315

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H332 , Flam. Liq. 2 H225 , Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H332 , Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Acute Tox. 4 H312 , Eye Irrit. 2 H319

1,2,3-trichlorobenzene (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , STOT SE 3 H336 , Aquatic Acute 1 H400 , Aquatic Chronic 3 H410

2-chloronaphthalene (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

4-bromophenylphenylether (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Dam. 1 H318 , Eye Irrit. 2 H319 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

4-isopropyltoluene (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Chronic 2 H411

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Dam. 1 H318 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Muta. 1B H340 , Carc. 1B H350 , Repr. 1A H360

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H312 , Skin Corr. 1B H314 , Eye Dam. 1 H318 , Acute Tox. 4 H332 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Ozone 1 H420

dibromochloromethane (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 4 H312 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , STOT SE 3 H336 , Muta. 2 H341 , Aquatic Chronic 2 H411

n-butylbenzene (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

sec-butylbenzene (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Aquatic Chronic 2 H411

tert-butylbenzene (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , Acute Tox. 4 H332 , STOT SE 3 H335 , Asp. Tox. 1 H304 , Aquatic Chronic 2 H411

carbazole (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Muta. 2 H341 , Carc. 2 H351 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Acute Tox. 3 H331 , Acute Tox. 3 H311 , Acute Tox. 3 H301

trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Acute Tox. 3 H301 , Asp. Tox. 1 H304 , Acute Tox. 3 H311 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , Aquatic Chronic 1 H410

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

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

dimethyl phthalate (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , STOT SE 3 H335 , STOT SE 3 H336 , Repr. 2 H361 , Aquatic Chronic 3 H412

di-n-octyl phthalate (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Repr. 2 H361 , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Eye Irrit. 2 H319 , Aquatic Chronic 4 H413

hexachlorobutadiene (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 2 H310 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Irrit. 2 H319 , Acute Tox. 2 H330 , Carc. 2 H351 , Repr. 2 H361 , STOT SE 2 H371 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

dibenzofuran (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 4 H312 , Acute Tox. 4 H332 , Aquatic Chronic 2 H411

bis(2-chloroethoxy)methane (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 4 H312 , Acute Tox. 1 H330 , Acute Tox. 2 H330 , STOT SE 1 H370 , STOT RE 2 H373

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics (edit as required)

boron {diboron trioxide; boric oxide}

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

cadmium {cadmium oxide}

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

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

default

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

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

copper {dicopper oxide; copper (I) oxide}

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

lead {lead chromate}

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

mercury {mercury dichloride}

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

nickel {nickel chromate}

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

selenium {nickel selenate}

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

zinc {zinc oxide}

Wosrt case CLP no chromium nor sulphate was present in the sample hence the use of species zinc chromate and zinc sulphate are not suitable for this assessment

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

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

vanadium {divanadium pentaoxide; vanadium pentoxide}

default

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.197.4823.9172 (16 Jul 2021)
HazWasteOnline Database: 2021.197.4823.9172 (16 Jul 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Appendix D

Ground Gas Screening

King Street, Blackpool
Ground gas monitoring

Round	BH	Date	Atm pressure	Depth to GW (m)	Flow rate	Methane	Carbon dioxide	Hydrogen Sulfide	Oxygen	GSV Methane	GSV Carbon dioxide	CS
1	BH01(s)	05/08/2021								0	0	NO DATA
2	BH01(s)	26/08/2021								0	0	NO DATA
3	BH01(s)	02/09/2021	1029	0.95	0.1	0.1	0.1	0	16.5	0.0001	0.0001	CS1
4	BH01(s)	08/09/2021								0	0	NO DATA
1	BH01(d)	05/08/2021								0	0	NO DATA
2	BH01(d)	26/08/2021								0	0	NO DATA
3	BH01(d)	02/09/2021	1029	-	0.1	0.2	0.2	0	8.8	0.0002	0.0002	CS1
4	BH01(d)	08/09/2021								0	0	NO DATA
1	BH02	01/07/2021	1016	16.38	0.6	0.1	0.9	0	17.4	0.0006	0.0054	CS1
2	BH02	05/08/2021								0	0	NO DATA
3	BH02	26/08/2021	1022	16.44	1	0.2	0.5	0	17.7	0.002	0.005	CS1
4	BH02	02/09/2021	1029	16.46	0.1	0.1	0.1	0	20.6	0.0001	0.0001	CS1
5	BH02	08/09/2021								0	0	NO DATA
1	BH03B	30/06/2021	1017	12.48	0	0.1	0.1	0	21.1	0	0	NO DATA
2	BH03B	05/08/2021		12.28						0	0	NO DATA
3	BH03B	16/08/2021	1016	12.3	0.1	0.1	0.1	0	20.6	0.0001	0.0001	CS1
4	BH03B	26/08/2021	1023	12.33	0.1	0.1	0.1	0	20.8	0.0001	0.0001	CS1
5	BH03B	02/09/2021	1029	12.28	0.1	0.1	0.1	0	20.6	0.0001	0.0001	CS1
6	BH03B	08/09/2021	1010	12.31	0.4	0.1	0.1	0	20	0.0004	0.0004	CS1
1	BH04	30/06/2021	1016	11.97	1.5	0.1	0.4	0	17.8	0.0015	0.006	CS1
2	BH04	05/08/2021	996	-	4.8	0.1	0.1	0	21.1	0.0048	0.0048	CS1
3	BH04	16/08/2021		-						0	0	NO DATA
4	BH04	26/08/2021	1023	-	0.5	0.1	0.6	0	17.1	0.0005	0.003	CS1
5	BH04	02/09/2021	1029	-	0.3	0.2	0.1	0	20.7	0.0006	0.0003	CS1
6	BH04	08/09/2021	1011	-	3.5	0.1	1.3	0	16.4	0.0035	0.0455	CS1
1	WS01	30/06/2021	1016	0.61	1.4	0.1	0.2	0	19.9	0.0014	0.0028	CS1
2	WS01	05/08/2021	994	0.49	0.1	0.1	0.1	0	20.9	0.0001	0.0001	CS1
3	WS01	16/08/2021		2.71						0	0	NO DATA
4	WS01	26/08/2021	1022	3.24	0.8	0.1	1.4	1	17.3	0.0008	0.0112	CS1
5	WS01	02/09/2021	1029	2.93	0.4	0.1	1.1	0	19.2	0.0004	0.0044	CS1
6	WS01	08/09/2021	1011	2.81	0.4	0.1	1.4	1	18.5	0.0004	0.0056	CS1
1	WS02	30/06/2021	1016	0.64	0	0.1	0.2	1	20.5	0	0	CS1
2	WS02	05/08/2021								0	0	NO DATA
3	WS02	16/08/2021								0	0	NO DATA
4	WS02	26/08/2021								0	0	NO DATA
5	WS02	02/09/2021								0	0	NO DATA
6	WS02	08/09/2021								0	0	NO DATA
1	WS03	30/06/2021	1016	0.33	1.5	0.1	0.3	0	19.9	0.0015	0.0045	CS1
2	WS03	05/08/2021	998	0.15	0.1	0.1	0.6	0	19.8	0.0001	0.0006	CS1
3	WS03	16/08/2021		0.29						0	0	NO DATA
4	WS03	26/08/2021	1022	0.45	0.1	0.6	0.5	1	17.4	0.0006	0.0005	CS1
5	WS03	02/09/2021	1029	0.48	0.1	0.1	0.5	0	19.7	0.0001	0.0005	CS1
6	WS03	08/09/2021	1011	0.56	0.1	0.1	0.5	0	19.9	0.0001	0.0005	CS1
1	WS04	30/06/2021	1015	1.85	0	0.1	1	0	15.7	0	0	CS1
2	WS04	05/08/2021	991	2.1	0.3	0.1	1.1	0	17	0.0003	0.0054	CS1
3	WS04	16/08/2021	1016	3.51	0.1	0.1	1.8	0	15.2	0.0001	0.0015	CS1
4	WS04	26/08/2021	1023	3.41	0.1	0.1	1.5	1	15.4	0.0001	0.0013	CS1
5	WS04	02/09/2021	1029	3.17	0.1	0.1	1.3	0	15.3	0.0001	0.0019	CS1
6	WS04	08/09/2021	1010	3.04	0.1	0.1	1.9	0	13.8	0.0001	0.0003	CS1
1	WS05	30/06/2021	1015	1.33	0	0.1	0.3	0	19.6	0	0	CS1
2	WS05	05/08/2021	999	1.29	0.1	0.1	0.2	0	20.6	0.0001	0.0002	CS1
3	WS05	16/08/2021	1016	1.65	0	0.1	0.3	0	20.3	0	0	CS1
4	WS05	26/08/2021	1022	1.71	0.1	0.2	0.2	0	20	0.0002	0.0002	CS1
5	WS05	02/09/2021	1029	1.58	0.1	0.1	0.4	0	20.3	0.0001	0.0004	CS1
1	WS06	30/06/2021	1017	0.84	1.2	0.1	0.1	0	21.1	0.0012	0.0012	CS1
2	WS06	05/08/2021		0.84						0	0	NO DATA
3	WS06	16/08/2021	1016	0.82	0	0.2	0.1	0	20.6	0	0	CS1
4	WS06	26/08/2021	1021	0.81	0	0.2	0.1	0	20.5	0	0	CS1
5	WS06	02/09/2021	1029	0.98	0.1	0.1	0.1	0	20.6	0.0001	0.0001	CS1
6	WS06	08/09/2021	1010	1.04	0.1	0.1	0.1	0	20.6	0.0001	0.0001	CS1
1	WS07	30/06/2021	1015	1.92	0	0.1	1.2	0	19.1	0	0	CS1
2	WS07	05/08/2021								0	0	NO DATA
3	WS07	26/08/2021	1022	1.99	0.1	0.1	1.1	0	18.4	0.0001	0.0011	CS1
4	WS07	02/09/2021	1030	1.98	0.1	0.1	0.9	0	19.8	0.0001	0.0009	CS1
5	WS07	30/06/2021								0	0	NO DATA
1	WS08	30/06/2021	1016	0.72	0	0.1	0.2	0	19.2	0	0	CS1
2	WS08	05/08/2021		0.18						0	0	NO DATA
3	WS08	16/08/2021		3.04						0	0	NO DATA
4	WS08	26/08/2021								0	0	NO DATA
5	WS08	02/09/2021		3.1						0	0	NO DATA
6	WS08	08/09/2021								0	0	NO DATA